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ABSTRACT

This study deals with Bakersfield College students who transfer to institutions that grant the baccalaureate degree. Three parts of the study answer the following questions: How many transferred and where did they go? What courses did they take? What kind of grades did they earn? Part 1 of the report, Numbers of Bakersfield College Students to Transfer to 4-Year Colleges, contains 15 tables giving the numbers of students from Bakersfield College to transfer to each state college and university, the total numbers attending these colleges, and the totals as a percentage of the overall Bakersfield College enrollment. In Part 2, Major Areas of Study of Bakersfield College Transfers, 12 tables provide data that concern the major fields of study of all former Bakersfield College students who attended four-year colleges in California in the 1973-74 academic year. Part 3, Academic Achievement of Bakersfield College Transfers at State Colleges and Universities and the University of California, presents data dealing with academic performance of Bakersfield College students transferring to the 27 public four-year colleges in California. Section A gives an introduction, 22 tables, and a summary for grades earned at the state colleges and universities, and Section B (3 tables) provides the same information for the University of California. Part 4 of the report, Conclusions, contains two sections: A. Recommendations for Further Research and B. Interpretations. (DB)

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BC STUDENTS WHO TRANSFER:

A Profile of Progress

David C. Scott

Office of Institutional Research

Bakersfield College

December 1974

JC 740 470

Table of Contents

Introduction 1

I NUMBERS OF BAKERSFIELD COLLEGE STUDENTS TO TRANSFER TO 4-YEAR COLLEGES 3

Explanation of Tables 5

Tables Relating to Transfer Numbers 11

The Early Calendar -- A Special Case 25

Tables Relating to Early Calendar 27

Summary 29

II MAJOR AREAS OF STUDY OF BAKERSFIELD COLLEGE TRANSFERS 31

Research Obstacles, Explanation of Tables 33

Tables Relating to Major Areas of Study 38

Summary 62

III ACADEMIC ACHIEVEMENT OF BAKERSFIELD COLLEGE TRANSFERS AT STATE COLLEGES AND UNIVERSITIES AND THE UNIVERSITY OF CALIFORNIA . . . 65

Grade Analysis Problems 67

A STATE COLLEGES AND UNIVERSITIES 69

Explanation of State College and University G.P.A. Tables . . 71

Tables Relating to Academic Performance of Bakersfield College Students at State Colleges and Universities 77

Additional Information on Transfers to State Colleges and Universities Derived From Tables 28 - 49 106

Summary of Findings Pertaining to State Colleges and Universities 109

Table of Contents

B UNIVERSITY OF CALIFORNIA 111

Explanation of University of California G.P.A. Tables 113

Tables Relating to Academic Performance of Bakersfield College Students at the University of California 117

Summary of University of California Data 124

IV CONCLUSIONS 125

A RECOMMENDATIONS FOR FURTHER RESEARCH 127

B INTERPRETATIONS 133

List of Tables

I NUMBERS OF STUDENTS

1 Bakersfield College Students Entering California State College and University System for Fall Term 11

2 California State College, Bakersfield Enrollees From Bakersfield College 12

3 Bakersfield College Students Entering California State College and University System Including Winter, Spring Transfers to Cal-State, Bakersfield 13

4 Bakersfield College Students Entering University of California System During Academic Year 14

5 Top Ten Recipients of Bakersfield College Transfers Last Four Years 15

6 Bakersfield College Students Entering California State Colleges and Universities as a Percentage of Bakersfield College Day Enrollment, Part Time and Full Time 16

7 Bakersfield College Students Entering University of California as Percentage of Bakersfield College Day Enrollment, Full Time and Part Time 17

8 Bakersfield College Students Entering All 4-Year Institutions During Academic Year as a Percentage of Bakersfield College Day Enrollment, Full Time and Part Time 18

9 Bakersfield College Students Entering All 4-Year Institutions During Academic Year as Percentage of Bakersfield College A.D.A. 19

10 Bakersfield College Students Entering All 4-Year Institutions During Academic Year as Percentage of Total Bakersfield College Enrollment 20

11 Bakersfield College Students Attending State Colleges and Universities During 1973-74 Academic Year 21

12 Bakersfield College Students Attending Cal-State, Bakersfield 22

List of Tables

13 Sex Distribution of Bakersfield College Transfers Attending State College and Universities and University of California - 1973-74 23

14 Winter 1974 Transfers From Bakersfield College to Cal-State, Bakersfield 27

15 Students Possibly Affected by Early Calendar (Fall 1973 - Spring 1974 Transfers to Cal-State, Bakersfield) 28

II MAJOR SUBJECTS

16 Majors of Bakersfield College Students to Transfer to Cal-State, Bakersfield, Fall Quarter 1972, 1973 38

17 Majors of Bakersfield College Students to Transfer to Cal-State University, Fresno - 1973-74 (195) 39

18 Majors of Bakersfield College Students to Transfer to California Polytechnic State University, San Luis Obispo - 1973-74 (177) 40

19 Majors of Bakersfield College Students to Transfer to Cal-State University, San Jose - 1973-74 (120) 41

20 Majors of Bakersfield College Students to Transfer to State Colleges and Universities - 1973-74 42

21 Majors of Bakersfield College Students at State Colleges and Universities Other Than Bakersfield During 1973-74 Academic Year (848) 47

22 Majors of Bakersfield College Students at State Colleges and Universities Including Bakersfield During 1973-74 Academic Year (1,648) 49

23 Majors of Bakersfield College Students to Transfer to University of California - 1972-73 and 1973-74 (158) . . 51

24 Majors of Bakersfield College Students at All Branches of the University of California and State College and University System During the 1973-74 Academic Year (1,806) 54

25 Bakersfield College Transfer Majors by Classifications During the 1973-74 Academic Year (1,806) 56

26 Bakersfield College Transfer Majors by Schools During the 1973-74 Academic Year (1,806) 59

List of Tables

27 Comparison of Bakersfield College Majors With All Upper Division Transfer Majors at State Colleges and Universities 61

III GRADE PERFORMANCE

A. STATE COLLEGES AND UNIVERSITIES

28 Academic Performance of Bakersfield College Students at Cal-State, Bakersfield 77

29 Cumulative Grade Point Average, Bakersfield College Students at Cal-State, Bakersfield - Spring Quarters 78

30 Academic Performance, Bakersfield College Students at Cal-State University, Fresno 79

31 Academic Performance, Bakersfield College Students at Cal-Polytechnic State University, San Luis Obispo Fall 1972 and Fall 1973 80

32 Academic Performance, Bakersfield College Students at San Jose State University - Fall 1973 (120) 81

33 Academic Performance, Bakersfield College Students at Cal-State University, San Diego - 1972-74 82

34 Academic Performance of Bakersfield College Students at Cal-State University, Long Beach Spring 1973 - Spring 1974 83

35 Academic Performance of Bakersfield College Students at Cal-State University, San Francisco Spring 1973 - Spring 1974 85

36 Academic Performance of Bakersfield College Students at Cal-State University, Sacramento Spring Semesters 1973, 1974 88

37 Academic Performance, Bakersfield College Students at Cal-State Polytechnic University, Pomona Spring 1974 Only 90

38 Academic Performance of Bakersfield College Students at Cal-State University, Hayward - Fall 1973 91

39 Academic Performance, Bakersfield College Students at Cal-State University, Los Angeles - 1972-73 92

List of Tables

40 Academic Performance, Bakersfield College Students at Cal-State University, Humboldt - 1972-1974 93

41 Academic Performance, Bakersfield College Students at Cal-State University, Northridge - 1972-1974 . . . 94

42 Academic Performance, Bakersfield College Students at Cal-State University, Chico - Spring 1974 95

43 Academic Performance, Bakersfield College Students at Cal-State University, Fullerton - Fall 1973 Only . 96

44 Academic Performance of Bakersfield College Students at State Colleges, Less Than Ten B.C. Students Each . 97

45 Summary of Term Grade Performance of Bakersfield College Student Transfers to State Colleges and Universities During 1973-74 Academic Year 99

46 Summary of Cumulative Grades Earned by Bakersfield College Transfers at State Colleges and Universities . 100

47 Summary of Cumulative Grades Earned by Bakersfield College Transfers at State Colleges and Universities and Bakersfield College 101

48 Summary of Average G.P.A. Data for Bakersfield College Transfer Students Attending State Colleges - 1973-74 102

49 Cumulative Grades at State Colleges and Universities . . 105

B UNIVERSITY OF CALIFORNIA

50 Academic Performance of New Bakersfield College Transfers at the University of California Fall 1971 - Spring 1974 117

51 Comparison of Eligible and Ineligible Bakersfield College Students - Fall 1971 - Spring 1974 119

52 Comparison Between Bakersfield College Students and All Community College Transfers - 1972-73 121

53 Comparison of First Quarter and First Year Grades - 1973-74 122

54 Grades by Subjects Taken at the University of California - 1972-73 123

Introduction

In his August 1973 report, "A Decade of Bakersfield College Students: 1962-1972", Jack Hernandez stated that:

> "There is little useable data available or assembled either in the follow-up of transfer to 4-year colleges or of vocational students into jobs -- the most obvious lack is in current longitudinal studies of student G.P.A.'s at Bakersfield College and all 4-year colleges, student satisfaction with Bakersfield College, change in student attitudes, and career follow-up. All in all, we know remarkably little about the effect of Bakersfield College upon its students."

A primary thrust of the Institutional Research Director's office this year is to supply this "useable" data. Follow-up studies will include three student groups:

1. Those who transfer to 4-year institutions
2. Those who complete occupational-vocational programs
3. Those students who neither transfer to 4-year colleges nor complete a vocational program.

Only after examining hard data concerning what happens when students leave Bakersfield College can we properly discuss directions for the institution.

This study deals with Bakersfield College students who transfer to institutions granting the baccalaureate degree. Three parts of the study will answer commonly posed questions concerning community college transfers:

Part I - How many transferred and where did they go?

Part II - What courses did they take?

Part III - What kind of grades did they earn?

Each of the three parts will be divided into the following divisions -- methodology and problems, explanation of data tables, the data tables, and summary of the highlights of the tables. The study will conclude with Part IV which is subdivided into recommendations for further research and interpretations of the data.

PART I

NUMBERS OF BAKERSFIELD COLLEGE STUDENTS TO TRANSFER TO 4-YEAR COLLEGES

Explanation of Tables

The basic purposes of this part of the study are (1) to calculate numbers of students from Bakersfield College to transfer to each state college and university; (2) to determine total numbers attending these colleges; (3) to examine the totals as a percentage of the over-all Bakersfield College enrollment; hopefully these totals may serve as guidelines toward allocating resources devoted toward meeting the needs of these students.

Most Bakersfield College students transfer to the State College and University System and the University of California System. The tables that follow made use of the following sources:

1. Phone conversations with Department of Institutional Research, Chancellors Office, State Colleges and Universities.
2. Office of Institutional Research, California State College, Bakersfield.
3. Office of Educational Services, Bakersfield College
4. School Relations Office, University of California
5. ADA and Enrollment Report 1973-74, Kern Community College District Office of Planning
6. Bakersfield College ADA Review

Following is a list of tables and a brief explanation of each:

Table 1 - Bakersfield College Students Entering California State College and University System for Fall Term.

This table lists entrants from Bakersfield College to each of the nineteen colleges. This complete information is only available for the Fall term.

Table 2 - California State College, Bakersfield Enrollees From Bakersfield College.

Since the State College and University System (unlike the University of California) does not include Winter and Spring transfers, an attempt was made to make Table 1 more accurate by including Winter and Spring transfers from Bakersfield College to Cal-State, Bakersfield. This Winter, Spring transfer information was obtained after several phone calls to Cal-State. It is to be noted that Fall 1970 and Fall 1971 enrollments are smaller than those reported in Table 1 because they do not include Fresno Extension transfers.

The very large increase in Winter transfers from 1973-74 will be analyzed in comments preceding Tables 14 and 15.

Table 3 - Bakersfield College Students Entering California State College and University System Including Winter, Spring Transfers to Cal-State, Bakersfield.

When Winter, Spring transfers are included, the 1972-73 to 1973-74 transfers changes show a 9.5% increase rather than a 16.1% decrease.

Table 4 - Bakersfield College Students Entering University of California System During Academic Year.

This information includes all three quarters and begins with the 1966-67 school year.

Table 5 - Top Ten Recipients of Bakersfield College Transfers Last Four Years.

This table gives in rank order the ten colleges most frequently transferred to by Bakersfield College students. The percentage of Bakersfield College students attending each college is given in each case. For 1973-74, 1972-73, 115 students are added

to the total to include Winter, Spring transfers to state colleges other than Bakersfield and colleges other than the two systems indicated. For 1971-72, 1970-71, the figure was 100.

Table 6 - Bakersfield College Students Entering California State Colleges and Universities as a Percentage of Bakersfield College Day Enrollment, Part Time and Full Time.

This table examines state college enrollment as a percentage of day students at Bakersfield College. For instance, 764 students entered state colleges and universities in October of 1973. This number is 17.6% of the group that enrolled at the college as Freshmen in October 1971, and is 46.9% of the group that began 1972 as Sophomores.

Table 7 - Bakersfield College Students Entering University of California as Percentage of Bakersfield College Day Enrollment, Full Time and Part Time.

This table runs the same analysis for the University of California as Table 5 did for the state colleges and universities.

Table 8 - Bakersfield College Students Entering All 4-Year Institutions During Academic Year as a Percentage of Bakersfield College Day Enrollment, Full Time and Part Time.

This table includes the data from Table 5 and Table 6 plus, for the Academic Years 1973-74, 1972-73, an estimate of students enrolling in all other colleges (transfers to other state colleges (35), to private colleges and universities both in and out of state (80).

Table 9 - Bakersfield College Students Entering All 4-Year Institutions During Academic Year as Percentage of Bakersfield College A.D.A.

This table uses A.D.A. for the entire college (day and night) as a base for percentage calculation. The average for four years indicates that of the total A.D.A. in an academic year, 12.28% will be attending a 4-year college the next year. Multiplying this by two yields 24.56%, the percentage of students at Bakersfield College in a given year that will eventually attend a 4-year college.

Table 10 - Bakersfield College Students Entering All 4-Year Institutions During Academic Year as Percentage of Total Bakersfield College Enrollment.

This table uses total students attending the entire college as a base for percentage calculation. The average for four years indicates that of all students on campus, 17.64% will attend a 4-year college.

Table 11 - Bakersfield College Students Attending State Colleges and Universities During 1973-74 Academic Year.

Another way to analyze transfers is to determine total numbers of students attending colleges at a given point in time rather than total numbers to transfer. Only state colleges provide this information per se. The total attending all state colleges was 1,719. Note that this is 16% of the 1971-72 B.C. enrollment of 10,758. Estimate of those who are attending University of California and other colleges is a maximum of 350. Adding this to the 1,719 brings a total of 2,069. By this calculation, total students attending 4-year colleges amounts to about 20% of Bakersfield College enrollment.

Table 12 - Bakersfield College Students Attending Cal-State, Bakersfield.

Since significant numbers and percentages of Bakersfield College students transfer to Cal-State, Bakersfield, information on the impact of Bakersfield College transfers on Cal-State enrollment seems crucial. This table indicates that for the last six quarters almost one out of three students came from Bakersfield College.

Table 13 - Sex Distribution of Bakersfield College Transfers Attending State College and Universities and University of California - 1973-74.

This table provides sex distribution information on students attending the nineteen State Colleges and Universities and eight University of California branches. Numbers and percentages are provided for campuses individually and collectively. At all twenty-seven campuses, 36.4% were female, 63.6%, male. When compared with the four year average of females (42.1%) and males (57.9%) attending Bakersfield College, a greater portion of males than females go on to attend a 4-year college.

Table 14 - Winter 1974 Transfers From Bakersfield College to Cal-State, Bakersfield.

As noted in the explanation of Table 2, the total transfers to Cal-State, Bakersfield for Winter 1974 were 151, a dramatic increase over previous winters. Table 14 indicates the semester of last attendance at Bakersfield College for the 151 transfers. Those who last attended Bakersfield College during Fall 1973, or were concurrently attending B.C. and C.S.B. were adjudged to be those who were induced to transfer by the early calendar. This group is indicated on the top half of Table 14. Those students

attending B.C. prior to the 1973-74 academic year, therefore probably not affected by the calendar, are indicated on the bottom half of the table.

Table 15 - Students Possibly Affected by Early Calendar (Fall 1973 - Spring 1974 Transfers to Cal-State, Bakersfield).

This table presents data concerning the ninety-eight transfer students who possibly were affected by the calendar in order to determine if the early calendar induced this group to stay at B.C. longer before transferring, or if it induced them to leave Bakersfield College earlier. The figures on the top left position give numbers of semesters taken, the top right, units completed at Bakersfield College. G.P.A. earned while at B.C. is presented at the bottom. An interpretation of these two tables is offered immediately preceding them under "The early calendar -- a special case" on page 25.

TABLE 1

BAKERSFIELD COLLEGE STUDENTS ENTERING CALIFORNIA STATE COLLEGE AND UNIVERSITY SYSTEM FOR FALL TERM

College	1973-74	1972-73	1971-72	1970-71
Bakersfield	290	323	324	279
Chico	10	23	4	7
Dominguez Hills	0	1	2	0
Fresno	59	85	80	96
Fullerton	2	3	5	5
Hayward	4	10	9	13
Humboldt	6	9	12	5
Long Beach	12	20	19	10
Los Angeles	4	4	8	10
Northridge	10	10	16	8
Pomona	10	8	10	3
Sacramento	16	15	9	13
San Bernardino	0	3	2	0
San Diego	33	30	42	44
San Francisco	8	15	17	5
San Jose	33	41	41	32
San Luis Obispo	42	40	37	76
Sonoma	2	1	4	1
Stanislaus	2	2	0	0
Total	543	649	641	607
Percent change from previous year	-16.3	+1.3	+5.6	

Note: 1) Information not available prior to Fall 1970.
2) Cal State figures for 1970-71 and 1971-72 include former BC students with programs in progress at Fresno Extension.
3) Figures do not include Winter or Spring transfers.

Source: Department of Institutional Research Office - Chancellors Office, state college and universities.

TABLE 2

CALIFORNIA STATE COLLEGE, BAKERSFIELD ENROLLEES
FROM BAKERSFIELD COLLEGE

		Total to Enter	Percent Change Previous Year
1973-74	Fall 1973	296	-8.1
	Winter 1974	151	+439.3
	Spring 1974	69	+228.0
	Total	516	+39.0
1972-73	Fall 1972	322	+12.9
	Winter 1973	28	-33.3
	Spring 1973	21	+31.3
	Total	371	+8.7
1971-72	Fall 1971	285	+105.0
	Winter 1972	42	+16.7
	Spring 1972	16	-77.4
	Total	343	+39.4
1970-71	Fall 1970	139	
	Winter 1971	36	
	Spring 1971	71	
	Total	246	

CAL-STATE, BAKERSFIELD PERCENT OF ALL STATE COLLEGE TRANSFERS

	Fall Only	Includes Bakersfield Transfers Winter, Spring
1973-74	53.4	66.8
1972-73	49.8	53.3
1971-72	50.5	54.7
1970-71	46.0	54.1

Note: 1970-72 figures do not include Bakersfield College students who transferred into Fresno Extension program.

Source: Institutional Research Office, Cal-State, Bakersfield

TABLE 3

BAKERSFIELD COLLEGE STUDENTS ENTERING CALIFORNIA STATE COLLEGE AND UNIVERSITY SYSTEM INCLUDING WINTER, SPRING TRANSFERS TO CAL-STATE, BAKERSFIELD

College	197[illegible]	1972-73	1971-72	1970-71
Bakersfield	510	372	382	386
Chico	10	23	4	7
Dominguez Hills	0	1	2	0
Fresno	59	85	80	96
Fullerton	2	3	5	5
Hayward	4	10	9	13
Humboldt	6	9	12	5
Long Beach	12	20	19	10
Los Angeles	4	4	8	10
Northridge	10	10	16	8
Pomona	10	8	10	3
Sacramento	16	15	9	13
San Bernardino	0	3	2	0
San Diego	33	30	42	44
San Francisco	8	15	17	5
San Jose	33	47	41	32
San Luis Obispo	42	40	37	76
Sonoma	2	1	4	1
Stanislaus	2	2	0	0
Total	763	698	699	714
Percent change from previous year	+9.3	-.1	-2.1	

Still does not include transfers during Winter and Spring to colleges other than Bakersfield.

TABLE 4

BAKERSFIELD COLLEGE STUDENTS ENTERING UNIVERSITY OF CALIFORNIA SYSTEM DURING ACADEMIC YEAR

College	1973-74	1972-73	1971-72	1970-71	1969-70	1968-69	1967-68	1966-67
Berkeley	14	18	11	16	13	18	18	18
Davis	20	18	19	18	19	18	20	22
Los Angeles	15	17	11	15	22	23	32	24
Riverside	1	4	3	4	5	5	2	5
San Diego	3	2	3	3	1	0	2	1
Santa Cruz	3	3	6	3	4	6	4	3
Santa Barbara	23	15	28	32	30	28	29	36
Irvine	7	2	6	3	12	4	2	1
Total	86	79	87	94	106	102	109	110
Percent change from previous year	+8.8	-9.2	-7.4	-11.3	+3.9	-6.4	-1.0	

Note: Includes entrants all three quarters during year designated.

Source: School Relations Office, University of California

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TABLE 5

TOP TEN RECIPIENTS OF BAKERSFIELD COLLEGE TRANSFERS LAST FOUR YEARS

1973-74				1972-73				1971-72				1970-71			
		All College Transfers				All College Transfers				All College Transfers				All College Transfers	
Rank	College	Number	Percent	Rank	College	Number	Percent	Rank	College	Number	Percent	Rank	College	Number	Percent
1	Bakersfield	510	52.9	1	Bakersfield	372	41.6	1	Bakersfield	382	43.2	1	Bakersfield	386	42.5
2	Fresno	59	6.1	2	Fresno	85	9.5	2	Fresno	80	9.1	2	Fresno	96	10.6
3	San Luis Obispo	42	4.4	3	San Jose	47	5.3	3	San Diego	42	4.8	3	San Luis Obispo	76	8.4
4	San Diego	33	3.4	4	San Luis Obispo	40	4.5	4	San Jose	41	4.6	4	San Diego	44	4.9
4	San Jose	33	3.4	5	San Diego	30	3.4	5	San Luis Obispo	37	4.2	5	Santa Barbara (U.C.)	32	3.5
6	Santa Barbara (U.C.)	23	2.4	6	Chico	23	2.6	6	Santa Barbara (U.C.)	28	3.2	5	San Jose	32	3.5
7	Davis (U.C.)	20	2.1	7	Long Beach	20	2.2	7	Davis (U.C.)	19	2.2	7	Davis (U.C.)	18	2.0
8	Sacramento	16	1.7	8	Berkeley (U.C.)	18	2.0	7	Long Beach	19	2.2	8	Berkeley (U.C.)	16	1.8
9	Los Angeles (U.C.)	15	1.6	8	Davis (U.C.)	18	2.0	9	San Francisco	17	1.9	9	Los Angeles (U.C.)	15	1.7
10	Berkeley (U.C.)	14	1.5	10	Los Angeles (U.C.)	17	1.9	10	Northridge	16	1.8	10	Hayward	13	1.4
												10	Sacramento	13	1.4

TABLE 6

BAKERSFIELD COLLEGE STUDENTS ENTERING CALIFORNIA STATE COLLEGES AND UNIVERSITIES AS A PERCENTAGE OF BAKERSFIELD COLLEGE DAY ENROLLMENT, PART TIME AND FULL TIME

Year When Entering In Fall	Number At Colleges, Universities	Class At B.C.	Year At B.C.	Enrollment	College Enrollees As Percentage Of B.C. Class
1973	763	13	1971	4326	17.6
		14	1972	1628	46.9
1972	698	13	1970	4271	16.9
		14	1971	1444	48.3
1971	699	13	1969	4052	17.2
		14	1970	1684	41.5
1970	714	13	1968	3874	18.4
		14	1969	1478	48.3

TABLE 7

BAKERSFIELD COLLEGE STUDENTS ENTERING UNIVERSITY OF CALIFORNIA
AS PERCENTAGE OF BAKERSFIELD COLLEGE
DAY ENROLLMENT, FULL TIME AND PART TIME

Academic Year At University	Number At University	Class At B.C.	Year At B.C.	Grade Enrollment	U.C. Enrollees As Percentage Of B.C. Class
1973-74	86	13	1971	4326	2.0
		14	1972	1628	5.3
1972-73	79	13	1970	4271	1.9
		14	1971	1444	5.5
1971-72	87	13	1969	4052	2.2
		14	1970	1684	5.2
1970-71	94	13	1968	3874	2.4
		14	1969	1478	6.3
1969-70	106	13	1967	3452	3.1
		14	1968	1455	7.3
1968-69	102	13	1966	3329	3.1
		14	1967	1255	8.1
1967-68	109	13	1965	3317	3.3
		14	1966	1240	8.8
1966-67	110	13	1964	2894	3.8
		14	1965	1192	9.2

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TABLE 8

BAKERSFIELD COLLEGE STUDENTS ENTERING ALL 4-YEAR INSTITUTIONS DURING ACADEMIC YEAR AS A PERCENTAGE OF BAKERSFIELD COLLEGE DAY ENROLLMENT, FULL TIME AND PART TIME

Academic Year	Class At B.C.	Year At B.C. (Fall)	Class Enrollment	State Colleges, Universities	Percentage Of B.C. Enrollment	University of California	Percentage Of B.C. Enrollment	*Miscellaneous	Percentage Of B.C. Enrollment	Percentage Of All Students 4-Year College
1973-74	13	1971	4326	763	17.6	86	2.0	115 (estimate)	2.7	22.3
	14	1972	1628		46.9		5.3		7.1	59.3
1972-73	13	1970	4271	698	16.9	79	1.9	115 (estimate)	2.7	21.5
	14	1971	1444		48.3		5.5		7.5	61.7
1971-72	13	1969	4052	699	17.2	87	2.2			
	14	1970	1684		41.5		5.2			
1970-71	13	1968	3874	714	18.4	94	2.4			
	14	1969	1478		48.3		6.3			

* Includes Winter, Spring quarter transfers to state colleges other than Cal-State, Bakersfield and out of state and private colleges.

TABLE 9

BAKERSFIELD COLLEGE STUDENTS ENTERING ALL 4-YEAR INSTITUTIONS DURING ACADEMIC YEAR AS PERCENTAGE OF BAKERSFIELD COLLEGE A.D.A.

Year of College And University Enrollment	Previous Year Bakersfield A.D.A.	University of California, B.C. A.D.A. Number	Percent	State College, B.C. A.D.A. Number	Percent	*Miscellaneous
1973-74	7925.76	86	1.09	763	9.63	
1972-73	7508.74	79	1.10	698	9.30	
1971-72	7541.67	87	1.12	699	9.27	
1970-71	6946.56	94	1.35	714	10.28	115 average yearly
Average for four years			1.16		9.60	1.52%

Total for all colleges 12.28

x 2

24.56 Average percentage of Bakersfield College A.D.A. who will attend 4-year college

* Includes transfers to state colleges other than Cal-State (35) plus private colleges and out of state (80 estimate).

TABLE 10

BAKERSFIELD COLLEGE STUDENTS ENTERING ALL 4-YEAR INSTITUTIONS
DURING ACADEMIC YEAR AS PERCENTAGE OF TOTAL
BAKERSFIELD COLLEGE ENROLLMENT

Year of College And University Enrollment	Previous Year B.C. Enrollment	University of California, B.C. Enrollment		State College, B.C. Enrollment		Miscellaneous Includes All Other Colleges	
		Number	Percent	Number	Percent	Number	Percent
1973-74	11,212	86	.77	763	6.81	115	1.03
1972-73	10,758	79	.76	698	6.49	115	1.07
1971-72	10,313	87	.84	699	6.76		
1970-71	9,194	94	1.02	714	7.77		
Average for four years			.83		6.93		1.05

Total for all colleges	8.81	
	x 2	
	17.62	Average percentage of Bakersfield College students who will attend 4-year college

TABLE 11

BAKERSFIELD COLLEGE STUDENTS ATTENDING
STATE COLLEGES AND UNIVERSITIES
DURING 1973-74 ACADEMIC YEAR

College	Number of Students	Percentage
Bakersfield	840	48.9
Fresno	217	12.6
San Luis Obispo	177	10.3
San Jose	120	7.0
San Diego	76	4.4
Long Beach	51	3.0
Sacramento	33	1.9
Pomona	32	1.9
San Francisco	30	1.8
Hayward	27	1.6
Los Angeles	25	1.5
Humboldt	24	1.4
Northridge	23	1.3
Chico	19	1.1
Fullerton	12	.7
Sonoma	6	.4
Stanislaus	5	.3
San Bernardino	1	.1
Dominguez Hills	1	.1
Total	1,719	

TABLE 12

BAKERSFIELD COLLEGE STUDENTS ATTENDING CAL-STATE, BAKERSFIELD

Quarter of Attendance	Total BC Students Attending	Total CSB Enrollment	BC Students Percentage of CSB
Fall 1972	758	2,325	32.6
Winter 1973	709	2,227	31.8
Spring 1973	729	2,237	32.6
Fall 1973	840	2,758	30.4
Winter 1974	842	2,711	31.1
Spring 1974	831	2,688	30.9
Totals	4,709	14,946	31.5

TABLE 13

SEX DISTRIBUTION OF BAKERSFIELD COLLEGE TRANSFERS
ATTENDING STATE COLLEGE AND UNIVERSITIES
AND UNIVERSITY OF CALIFORNIA - 1973-74

State College and Universities

	Female		Male	
	Number of Students	Percent	Number of Students	Percent
Bakersfield (831)	321	38.6	510	61.4
Fresno (195)	54	27.7	141	72.3
San Luis Obispo (177)	40	22.6	137	78.2
San Jose (120)	49	40.8	71	59.2
San Diego (76)	39	51.3	37	48.7
Long Beach (51)	20	39.2	31	61.8
Pomona (40)	7	17.5	33	82.5
Sacramento (33)	9	27.3	24	72.7
San Francisco (30)	11	36.7	19	63.3
Los Angeles (25)	11	44.0	14	56.0
Humboldt (24)	7	29.2	17	71.8
Northridge (23)	11	47.8	12	52.2
Chico (19)	6	31.6	13	69.4
Fullerton (12)	5	41.7	7	59.3
Sonoma (6)	3	50.0	3	50.0
Stanislaus (5)	1	20.0	4	80.0
San Bernardino (1)	1	100.0	0	
Dominguez Hills (1)	1	100.0	0	
Total State College and Universities (1,669)	596	35.7	1,073	64.3

Note: Information not available from Hayward.

TABLE 13 (continued)

University of California

	Female		Male	
	Number of Students	Percent	Number of Students	Percent
Berkeley (38)	7	23.3	31	76.7
Davis (39)	13	33.3	26	66.7
Los Angeles (39)	18	48.2	21	51.9
Riverside (5)	2	40.0	3	60.0
San Diego (6)	1	16.7	5	83.3
Santa Cruz (6)	1	16.7	5	83.3
Santa Barbara (31)	17	54.8	14	45.2
Irvine (12)	5	41.7	7	58.3
Total University of California (176)	64	36.4	112	63.6
Total University of California and State College and Universities (1,845)	660	35.8	1,185	64.2
Distribution of Students Attending Bakersfield College During the Fall of 1970, 1971, 1972, 1973 (45,888)	19,340	42.1	26,548	57.9

The early calendar -- a special case

When the early calendar (conclusion of the Fall semester by Christmas vacation) was adopted at Bakersfield College, one of the principle arguments in its favor was that it would bring about ease of transfer from Bakersfield College to 4-year colleges using the quarter system, particularly Cal-State, Bakersfield.

Table 2 revealed that while Fall transfers to Cal-State, Bakersfield decreased 8.1%, Winter quarter transfers increased from 28 to 151 (439.3%). A hypothesis was advanced that this increase was due primarily to the early calendar. Tables 14 and 15 seem to validate this hypothesis:

1. Seventy percent of the Winter 1974 transfers (98) either last attended in Fall 1973, or attended B.C. concurrently with Cal-State, Bakersfield in Winter 1974. This would be the group affected by the early calendar.

2. Of the ninety-eight, 28.6% had attended B.C. four or less semesters; 71.3%, five or more semesters. This would appear to imply that the calendar is inducing veteran students to attend longer before transferring to Cal-State, Bakersfield, rather than inducing them to leave B.C. early to attend C.S.B. The total units attended figures would substantiate this portrait of experienced B.C. students to transfer in Winter 1974. The large amount of five semester students, plus the large amount of 61-80 unit students show that a significant portion of the group had completed two full years at B.C., but were induced by the early calendar to stay one more semester.

3. G.P.A. figures do not seem to indicate any difference in grade patterns from the usual student body.

Conclusions

1. The early calendar does seem to have facilitated ease in student movement between Bakersfield College and Cal-State, Bakersfield.

2. The calendar has stimulated enrollment at both institutions.

3. Winter 1975 transfers must be studied very carefully before final conclusions about early calendar impact can be made.

TABLE 14

WINTER 1974 TRANSFERS FROM BAKERSFIELD COLLEGE
TO CAL-STATE, BAKERSFIELD

Last Semester Attendance at Bakersfield College	Number	Percentage
Fall 1973	67	47.8
Fall 1973 and Spring 1974 evening	6	4.3
Spring 1974 (concurrent enrollment)	25	17.9
Total students possibly affected by early calendar	98	70.0
Spring 1973	18	12.9
Fall 1972	2	1.4
Spring 1972	6	4.3
Fall 1971	5	3.6
Spring 1971	3	2.1
Fall 1970	1	.7
Prior to Fall 1970	7	5.0
Total students probably not affected by early calendar	42	30.0

Note: Data were incomplete for 11 of the original 151 students.

TABLE 15

STUDENTS POSSIBLY AFFECTED BY EARLY CALENDAR
(FALL 1973 - SPRING 1974 TRANSFERS
TO CAL-STATE, BAKERSFIELD)

Number of Semesters Attended B.C.	Number of Students	Percentage
1	4	4.1
2	11	11.2
3	4	4.1
4	9	9.2
5	33	33.7
6	13	13.3
7	7	7.1
8	9	9.2
9	4	4.1
10 or more	4	4.1

Total Units at B.C.	Number of Students	Percentage
0 - 10	5	5.4
11 - 20	10	10.8
21 - 30	7	7.5
31 - 40	2	2.2
41 - 50	2	2.2
51 - 60	8	8.6
61 - 70	30	32.3
71 - 80	18	19.4
81 - 90	6	6.5
91 - 100	3	3.2
101 or more	2	2.2

Students Cumulative G.P.A. at B.C.	Number of Students	Percentage
Less than 2.00	6	6.1
2.00 - 2.49	33	33.7
2.50 - 2.99	37	37.8
3.00 - 3.49	20	20.4
3.50 - 4.00	2	2.0

Summary

The preceding fifteen tables indicate the following significant points:

1. Cal-State, Bakersfield receives about half of the Bakersfield College transfer students. These students in turn constitute 31.5% of the total Cal-State, Bakersfield enrollment. The early calendar in 1973-74 increased the amount of Winter quarter transfers. The drop in Fall quarter transfers plus the information shown in Table 15 would indicate students are staying at Bakersfield College longer before transferring. Winter quarter 1975 should be closely examined to see if this trend continues.

2. Transfers to colleges other than Cal-State, Bakersfield have either leveled off or dropped in recent years.

   A. Transfers to state colleges other than Bakersfield for the Fall were: 1970 - 328; 1971 - 317; 1972 - 326; 1973 - 253. The 1972-73 drop in this category was 22.4%.

   B. Transfers to the University of California have been small in number over the last eight academic years and have decreased over the time period from 110 to 86 (-12.7%). During the last two years, the highest percentage of Bakersfield College transfers received by any single University of California campus was 2.4%.

3. A major purpose of Part I was to determine the percentage of Bakersfield College students who actually transfer to 4-year colleges. This percentage depends upon the base used as Tables 8, 9, and 10 indicate. Another difficulty encountered was determining the number of students entering colleges other than those shown in Tables 3 and 4. It was estimated that about thirty-five Bakersfield College students, Winter and Spring quarters, transfer to

state colleges other than Bakersfield and that, on the average, eighty transfer to private colleges and out-of-state schools. Hopefully, future research can yield more precise information on this problem. However given these difficulties, the following conclusions can be made:

A. Using Bakersfield College day enrollment as a base (Table 8), about 22% of those who originally enter as Freshmen will go to a 4-year college. If they make it to Sophomore status, their probability of transferring to a 4-year college increases to about 60%. The above mentioned 22% breaks down to 18% to state colleges, 2% to the University of California, and 2% to all other colleges.

B. Using Bakersfield College total A.D.A. as a base (Table 9), about one of four B.C. students (24.56%) will eventually attend 4-year colleges.

C. Using Bakersfield College total number of students as a base (Table 10), of every eleven students that take classes at Bakersfield College, only two will eventually transfer to a college or university.

D. Using total attending rather than total transferring (Table 11 plus estimates of other colleges), 20% of Bakersfield Colleges enrollment attend 4-year colleges.

E. Table 13 indicates a lesser percentage of females than males go on to attend a 4-year college.

PART II

MAJOR AREAS OF STUDY
OF BAKERSFIELD COLLEGE TRANSFERS

Research Obstacles, Explanation of Tables

The customary transfer studies deal with academic performance only (mean G.P.A., differential analysis, etc.). Yet many studies also indicate that success in the job market may be more closely correlated to in what areas an employee has studied rather than his G.P.A. An examination of major courses of study then becomes crucial. Since information on Bakersfield College students (particularly in state colleges and universities) was spotty and incomplete, and methods of reporting majors varied from year to year, information was gathered to answer the following question:

> "What were the major fields of study of all former Bakersfield College students attending public 4-year colleges in California in the 1973-74 academic year?"

Obstacles to obtaining an accurate answer to this question were many:

1. All nineteen state colleges and universities report grade and major information differently. Seven did not report it at all and only did so after repeated letters and phone calls from the Bakersfield College Office of Institutional Research. Some of the reporting discrepancies included:

   A. A few colleges (such as San Diego) published student grades and majors for the first semester of attendance only. This problem was resolved by using grades and majors for the last two academic years, 1972-73, 1973-74.

   B. Some colleges had specialized major categories, i.e. Electrical Engineering; others had very generalized major categories, Fine Arts, Liberal Studies. Tables 16 through 24 indicated majors just as the colleges reported them; Tables 25 and 26 attempt to categorize majors.

C. Many colleges which sent records of grades did not list majors. This information had to be obtained by special request to various admissions directors via mail or telephone.

D. Major abreviations or codes were undecipherable. Again phone calls were necessary.

E. Semester or quarter periods during the 1973-74 year that majors were reported varied, so in the tables that follow, some data reflect Fall terms, others, Spring terms.

F. Cal-State, Los Angeles had a student rights controversy that resulted in no data being available to researchers for 1973-74, so the 1972-73 listing was used.

2. The University of California reports data for the first year of attendance only, so as in the case of Cal-State, San Diego, majors for the 1972-73, 1973-74 years were used in the belief that this would come close to reflecting total numbers in attendance.

3. A few campuses of the University of California listed schools i.e. Letters and Science rather than subject major. In this case, courses which the student took were examined and a judgement was made on majors on this basis.

4. The original intent was to compare courses taken as well as majors, but only the University of California and three state colleges listed all the courses taken so this idea was discarded.

5. A few majors were impossible to ascertain (unintelligible code, poor handwriting - about twenty of the 1,806 reported), and many colleges had an undeclared or uncertain category. All of these were grouped together under an "Undeclared" category (127 total).

6. Since different quarters or semesters were used for entrance, attendance, majors, and G.P.A. information used in this study, the reader will notice that the total numbers of students reported for a particular college may vary from table to table.

The tables that follow indicate majors for state colleges in descending order of numbers of Bakersfield College transfers attending, then University of California majors are indicated, then University and state colleges majors information is combined and categorized. In every table, majors are listed in descending order of frequency. Specifically, tables are as indicated below:

Table 16 - Majors of Bakersfield College Students to Transfer to Cal-State, Bakersfield Fall Quarter 1972, 1973.

Since this college receives half of Bakersfield College transfers and since more information was available, it was decided to list majors for the 1972-73 and 1973-74 academic year. This made possible an analysis of changes in major from 1972-73 to 1973-74.

Table 17 - Majors of Bakersfield College Students to Transfer to Cal-State University, Fresno - 1973-74 (195).

Spring quarter data are used in this table.

Table 18 - Majors of Bakersfield College Students to Transfer to California Polytechnic State University, San Luis Obispo - 1973-74 (177).

Since agriculture and engineering were a significant portion of majors at this college, their listings were grouped together.

Table 19 - Majors of Bakersfield College Students to Transfer to Cal-State University, San Jose - 1973-74 (120).

The obstacle here was the large amount of majors totally with no one major reaching 10% of all students.

Table 20 - Majors of Bakersfield College Students to Transfer to State Colleges and Universities - 1973-74.

All state colleges and universities with less than 100 transfers from Bakersfield College were included.

Table 21 - Majors of Bakersfield College Students at State Colleges and Universities Other Than Bakersfield During 1973-74 Academic Year (848).

This table lists in descending order of frequency the total of all majors in state colleges other than Bakersfield.

Table 22 - Majors of Bakersfield College Students at State Colleges and Universities Including Bakersfield During 1973-74 Academic Year (1,648).

This table combines the data from Table 21 with the 1973-74 data from Table 16 in order to present a listing of major subjects of Bakersfield College students at all nineteen campuses of the state colleges and universities.

Table 23 - Majors of Bakersfield College Students to Transfer to University of California - 1972-73 and 1973-74 (158).

This three page table indicates majors at the University of California by descending order of frequency at all eight campuses combined. Numbers of majors, however, are listed for each campus separately.

Table 24 - Majors of Bakersfield College Students at All Branches of the University of California and State College and University System During the 1973-74 Academic Year (1,806).

This table combines the data from Tables 22 and 23 to give, in descending order, majors at state colleges and the University of California.

Table 25 - Bakersfield College Transfer Majors by Classifications During the 1973-74 Academic Year (1,806).

This table classifies the majors from Table 24 in order to give a more accurate picture of areas of interest.

Table 26 - Bakersfield College Transfer Majors by Schools During the 1973-74 Academic Year (1,806).

This table groups majors by the four school divisions used by the Bakersfield College Office of Instruction. At the bottom of the second page the groupings are arranged by Institute Deans.

Table 27 - Comparison of Bakersfield College Majors with All Upper Division Transfer Majors at State Colleges and Universities.

In 1972, the State College and University Office of Institutional Research published a study, "Profile of Transition", Upper Division Transfer Students in the California State Colleges. One segment dealt with majors of those students who originally transferred in 1969. This table indicates percentage of those students to major in subject areas and compares these percentages with Bakersfield College transfer data.

TABLE 16

MAJORS OF BAKERSFIELD COLLEGE STUDENTS TO TRANSFER
TO CAL-STATE, BAKERSFIELD
FALL QUARTER 1972, 1973

Majors	Fall 1972 (758) Number of Students	Fall 1972 (758) Majors as Percent of 1972 Enrollment	Fall 1973 (840) Number of Students	Fall 1973 (840) Majors as Percent of 1973 Enrollment	Change From 1972-1973
Business, Public Admin.	136	17.9	169	20.1	+33
Sociology	136	17.9	123	14.6	-13
History	97	12.8	84	10.0	-13
English	62	8.2	58	6.9	-4
Psychology	58	7.7	72	8.6	+14
Undecided	54	7.1	74	8.8	+20
Fine Arts	35	4.6	42	5.0	+7
Nursing	29	3.8	19	2.3	-10
Biology	28	3.7	25	3.0	-3
Mathematics	24	3.2	16	1.9	-8
Political Science	24	3.2	27	3.2	+3
Earth Science	18	2.4	21	2.5	+3
Foreign Language	18	2.4	22	2.6	+4
Chemistry	11	1.5	10	1.2	-1
Anthropology	6	.8	13	1.6	+7
Undeclared, Secondary	6	.8	5	.6	-1
Undeclared, Elementary	6	.8	4	.5	-2
Physics	5	.7	2	.2	-3
Economics	4	.5	6	.7	+2
Philosophy	1	.1	5	.6	+4
Liberal Studies			18	2.1	
Physical Education			11	1.4	
Health Science			11	1.3	
Medical Technician			3	.4	
Teaching Credential	223	29.4	198	23.6	-25

TABLE 17

MAJORS OF BAKERSFIELD COLLEGE STUDENTS TO TRANSFER TO CAL-STATE UNIVERSITY, FRESNO - 1973-74 (195)

Majors	Number of Students	Majors as Percent of Enrollment
Criminology	28	14.4
Industrial Arts	25	12.8
Business Administration	25	12.8
Undeclared, Undetermined	24	12.3
Physical Education	11	5.6
Engineering	8	4.1
Sociology	7	3.6
Nursing	7	3.6
Agriculture	7	3.6
Biology, Zoology	7	3.6
Music	7	3.6
Recreation	6	3.1
Horticulture	3	1.5
Journalism	3	1.5
Geology	3	1.5
Art	3	1.5
Home Economics	3	1.5
Drama	2	1.0
History	2	1.0
Social Science	2	1.0
Psychology	2	1.0
Health Science	2	1.0
Political Science	1	.5
Anthropology	1	.5
Geography	1	.5
Accounting	1	.5
German	1	.5
Liberal Studies	1	.5
English	1	.5
Speech	1	.5

TABLE 18

MAJORS OF BAKERSFIELD COLLEGE STUDENTS TO TRANSFER
TO CALIFORNIA POLYTECHNIC STATE UNIVERSITY,
SAN LUIS OBISPO - 1973-74 (177)

Majors	Number of Students	Majors as Percent of Enrollment
Agriculture - Horticulture:		
Agriculture-Business Management	18	10.2
Natural Resource Management	11	6.2
Animal Science	11	6.2
Ornamental Horticulture	7	4.0
Food Industry	5	2.8
Farm Management	3	1.7
Poultry Industry	2	1.1
Fruit Science	2	1.1
Crop and Fruit Science	1	.6
Crop Science	1	.6
Landscape Architecture	1	.6
Dairy Science	1	.6
	63	35.6
Engineering:		
Electronic	9	5.1
Technology	5	2.8
Mechanical	4	2.3
Electrical	2	1.1
Construction	2	1.1
Aeronautical	2	1.1
Matallurgical	1	.6
	25	14.1
Architecture	19	10.7
Physical Education	15	8.5
Industrial Arts and Technology	9	5.1
Business Administration	9	5.1
Home Economics	9	5.1
Social Science	6	3.4
Biology	5	2.8
Mathematics	5	2.8
Economics	3	1.7
English	2	1.1
Speech	2	1.1
Child Development	2	1.1
Political Science	1	.6
History	1	.6
Computer Science	1	.6

TABLE 19

MAJORS OF BAKERSFIELD COLLEGE STUDENTS TO TRANSFER TO CAL-STATE UNIVERSITY, SAN JOSE - 1973-74 (120)

Majors	Number of Students	Majors as Percent of Enrollment
Psychology	11	9.2
Business, Public Administration	11	9.2
Sociology	10	8.3
Art	9	7.5
Criminal Justice	8	6.7
Occupational Therapy	8	6.7
Undeclared	5	4.2
Engineering	5	4.2
Recreation	4	3.3
History	4	3.3
Political Science	4	3.3
Liberal Studies	4	3.3
Biology	4	3.3
Pathology Audio	3	2.5
English	2	1.7
Aeronautics	2	1.7
Botany	2	1.7
Environment	2	1.7
Behavioral Science	2	1.7
Journalism	2	1.7
Fine Arts	2	1.7
One student in each of the following majors:		
Spanish, Entomology, Meteorology, Health Science, Graphic Design, Public Relations, Social Science, Drama, Social Service, Spanish, Chemistry, Speech, Nursing, Mathematics, Geology, Music	16	13.3

TABLE 20

MAJORS OF BAKERSFIELD COLLEGE STUDENTS TO TRANSFER
TO STATE COLLEGES AND UNIVERSITIES - 1973-74

Institutions with Less Than 100 Bakersfield Students Attending

Majors	Number of Students	Majors as Percent of Enrollment
San Diego: (76)		
Psychology	9	11.8
Physical Education	8	10.5
Biology	7	9.2
Sociology	6	7.9
Undeclared	6	7.9
Recreation	5	6.6
Speech	5	6.6
Accounting	4	5.3
Chemistry	3	4.0
Music	3	4.0
Art	2	2.6
Political Science	2	2.6
Journalism	2	2.6
Industrial Arts	2	2.6
One student in each of the following majors:		
German, Philosophy, Tele-Communication, Criminal Justice, Health Science, Marketing, Business Administration, Physics, History, Child Development, Social Welfare, Home Economics	12	15.8
Long Beach: (47)		
Physical Education	7	14.9
Business, Public Administration	5	10.6
Psychology	4	8.5
Biology	4	8.5
Engineering	3	6.4
Industrial Technology	3	6.4
Recreation	2	4.3
English	2	4.3
Sociology	2	4.3
Industrial Arts	2	4.3
Marketing	2	4.3
One student in each of the following majors:		
Anthropology, Chemistry, Chicano Studies, Criminal Law Enforcement, Earth Science, Home Economics, Journalism, Liberal Studies, School Health, Social Welfare, Vocational Education	11	23.1

TABLE 20 (continued)

Majors	Number of Students	Majors as Percent of Enrollment
Pomona: (40)		
Engineering	23	57.5
Agriculture	7	17.5
Business Administration	4	10.0
Biology	2	5.0
Physical Education	2	5.0
Communication	1	2.5
Recreation Administration	1	2.5
Sacramento: (32)		
Criminal Justice	5	15.6
Business, Public Administration	4	12.5
Chicano Studies	3	9.4
Anthropology	2	6.3
Recreation Administration	2	6.3
History of Art	2	6.3
Physical Education	2	6.3
One student in each of the following majors:		
Biology, Chemistry, Economics, English, Health, Liberal Studies, Management, Natural Resources, Nursing, Poverty-Minorities, Social Work, Special Education	12	37.2
San Francisco: (30)		
Psychology	8	26.7
Sociology	6	20.0
Art	4	13.3
Anthropology	2	6.7
One student in each of the following majors:		
Accounting, Biology, French, Home Economics, Introduction to Logic, Liberal Studies, Political Science, Radio-TV, Special Education, Speech	10	33.3

TABLE 20 (continued)

Majors	Number of Students	Majors as Percent of Enrollment
Hayward: (27) (Fall 1973)		
Music	5	18.5
Business Administration	4	14.8
Child Development	3	11.1
Art	3	11.1
Physical Education	2	7.4
English	2	7.4
Recreation	2	7.4
Political Science	2	7.4
One student in each of the following majors:		
Psychology, Anthropology, History, Sociology	4	14.8
Humboldt: (27)		
Physical Education	5	18.5
Wildlife Management	4	14.8
Forestry	4	14.8
Range Management	2	7.4
Art	2	7.4
One student in each of the following majors:		
Political Science, Psychology, Biology, Speech, Communications, Chemistry, History, Botany, Engineering, Undeclared	10	37.0
Los Angeles: (25) (1972-73)*		
Police Science	3	12.0
Sociology	3	12.0
Home Economics	2	8.0
Engineering	2	8.0
Accounting	2	8.0
One student in each of the following majors:		
Business Information Systems, History, Drama, Industrial Arts, Speech Pathology, Management, Medical Technology, Child Development, Art, Spanish, Labor Relations, Undeclared, Zoology	13	52.0

* Data unavailable for 1973-74 because of student rights agreement.

TABLE 20 (continued)

Majors	Number of Students	Majors as Percent of Enrollment
Chico: (19) (Spring 1974)		
Industrial Arts	2	10.5
Art	2	10.5
Computer Science	2	10.5
Psychology	2	10.5
One student in each of the following majors:		
Industry and Technology, Micro Biology, History, Business Administration, Mathematics, Social Science, Chemistry, Agriculture, Social Welfare, Recreation, Child Development	11	57.9
Fullerton: (12)		
Undeclared	3	25.0
Art	2	16.7
One student in each of the following majors:		
Accounting, Business-Public Administration, Communications, Earth Science, Music, Physical Education, Psychology	7	58.1
Northridge: (11)		
English	4	36.4
Liberal Studies	3	27.3
Engineering	2	18.2
Business	1	9.1
Undeclared	1	9.1
Sonoma: (6)		
Afro-American Studies	1	16.6
Business, Public Administration	1	16.6
Expressive Arts	1	16.6
Music	1	16.6
Political Science	1	16.6
Sociology	1	16.6

TABLE 20 (continued)

Majors	Number of Students	Majors as Percent of Enrollment
Stanislaus: (5)		
Biology	1	20.0
Business, Public Administration	1	20.0
Physical Education	1	20.0
Sociology	1	20.0
Undeclared	1	20.0
Dominquez Hills: (1)		
Economics		
San Bernardino: (1)		
Psychology		

TABLE 21

MAJORS OF BAKERSFIELD COLLEGE STUDENTS
AT STATE COLLEGES AND UNIVERSITIES OTHER THAN
BAKERSFIELD DURING 1973-74 ACADEMIC YEAR (848)

Major	Number of Students	Percentage
Business Management	71	8.4
Engineering	69	8.1
Agriculture	60	7.1
Physical Education	54	6.4
Criminal Justice Law Enforcement	46	5.4
Industrial Arts - Technology	44	5.2
Undeclared	42	5.0
Psychology	40	4.7
Sociology	37	4.4
Biology	37	4.4
Art	29	3.4
Recreation	23	2.7
Architecture	19	2.2
Music	18	2.1
Home Economics	17	2.0
English	14	1.7
Political Science	13	1.5
Speech	12	1.4
Natural Resource Management	12	1.4
History	12	1.4
Liberal Studies	11	1.3
Horticulture	10	1.2
Social Science	10	1.2
Accounting	10	1.2
Nursing	9	1.1
Chemistry	8	.9
Child Development	8	.9
Journalism	8	.9
Occupational Therapy	8	.9
Anthropology	7	.8
Mathematics	7	.8
Social Welfare	5	.6
Health	5	.6
Economics	5	.6
Wildlife Management	4	.5
Spanish	4	.5
Geology	4	.5
Forestry	4	.5
Chicano Studies	4	.5
Communications	4	.5
Drama	4	.5

TABLE 21 (continued)

Major	Number of Students	Percentage
Computer Science	3	.4
Marketing	3	.4
Aeronautics	2	.2
Earth Science	2	.2
Behavioral Science	2	.2
Environmental Science	2	.2
Philosophy	2	.2
Fine Arts	2	.2
German	2	.2
Range Management	2	.2
Special Education	2	.2
Afro-American Studies	1	.1
Expressive Arts	1	.1
French	1	.1
Entomology	1	.1
Graphic Design	1	.1
Geography	1	.1
Labor Relations	1	.1
Medical Technology	1	.1
Poverty	1	.1
Public Relations	1	.1
Physics	1	.1
Pathology - Audio	1	.1
Radio - TV	1	.1
School Health	1	.1
Vocational Education	1	.1
Zoology	1	.1

TABLE 22

MAJORS OF BAKERSFIELD COLLEGE STUDENTS
AT STATE COLLEGES AND UNIVERSITIES INCLUDING
BAKERSFIELD DURING 1973-74 ACADEMIC YEAR (1,648)

Major	Number of Students	Percentage
Business Management	240	14.6
Sociology	160	9.7
Undeclared	113	6.9
Psychology	112	6.8
History	96	5.8
English	72	4.4
Engineering	69	4.2
Physical Education	65	3.9
Biology	62	3.8
Agriculture	60	3.6
Criminal Justice - Law Enforcement	46	2.8
Industrial Arts - Technology	44	2.7
Fine Arts	44	2.7
Political Science	40	2.4
Art	29	1.8
Liberal Studies	29	1.8
Nursing	28	1.7
Mathematics	23	1.4
Earth Science	23	1.4
Recreation	23	1.4
Architecture	19	1.2
Chemistry	18	1.1
Music	18	1.1
Home Economics	17	1.0
Health	16	1.0
Speech	12	.7
Natural Resource Management	12	.7
Economics	11	.7
Horticulture	10	.6
Social Science	10	.6
Accounting	10	.6
Child Development	8	.5
Journalism	8	.5
Occupational Therapy	8	.5
Philosophy	7	.4
Anthropology	7	.4
Elementary Ed - Undeclared	6	.4
Secondary Ed - Undeclared	6	.4
Medical Technology	4	.2
Wildlife Management	4	.2
Spanish	4	.2
Geology	4	.2

TABLE 22 (continued)

Major	Number of Students	Percentage
Forestry	4	.2
Chicano Studies	4	.2
Communications	4	.2
Drama	4	.2
Physics	3	.2
Computer Science	3	.2
Marketing	3	.2
Aeronautics	2	.1
Behavioral Science	2	.1
Environmental Science	2	.1
German	2	.1
Range Management	2	.1
Special Education	2	.1
Afro-American Studies	1	.1
Expressive Arts	1	.1
French	1	.1
Entomology	1	.1
Graphic Design	1	.1
Geography	1	.1
Labor Relations	1	.1
Poverty	1	.1
Public Relations	1	.1
Pathology - Audio	1	.1
Radio - TV	1	.1
School Health	1	.1
Vocational Education	1	.1
Zoology	1	.1

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TABLE 23

MAJORS OF BAKERSFIELD COLLEGE STUDENTS TO TRANSFER TO UNIVERSITY OF CALIFORNIA - 1972-73 AND 1973-74 (158)

Majors	Berkeley	Davis	Irvine	Los Angeles	Riverside	San Diego	Santa Barbara	Santa Cruz	Total	Percent
Biology		5	4	8			5	1	23	14.6
Political Science	5			4			3		12	7.6
Undeclared, Undetermined		8				1	2		11	7.0
English	1	1	2	1	1		3		9	5.7
Sociology	2			3	1		2		8	5.1
Psychology	4	1		2			1		8	5.1
Economics	1	1		2	1	1	1		7	4.4
Chemistry	1	1					4	1	7	4.4
Business, Public Admin.	5								5	3.2
Engineering	2	2		1					5	3.2
Physiology	2	2					1		5	3.2
Zoology	2	2							4	2.5
History				1	1	1		1	4	2.5
Anthropology		3						1	4	2.5
Animal Science		4							4	2.5
French	1			1	1				3	1.9

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TABLE 23 (continued)

Majors	Berkeley	Davis	Irvine	Los Angeles	Riverside	San Diego	Santa Barbara	Santa Cruz	Total	Percent
Liberal Arts	1						1	1	3	1.9
Drama		1	1				1		3	1.9
Physics	1						1		2	1.3
Mathematics				1			1		2	1.3
Environment		1	1						2	1.3
Biochemistry		1		1					2	1.3
Bacteriology		1		1					2	1.3
Architecture	1								2	1.3
Earth Science			1						1	.6
Social Science			1						1	.6
Computer Science			1						1	.6
Spanish							1		1	.6
Dance							1		1	.6
Philosophy							1		1	.6
Art							1		1	.6
Health Science							1		1	.6
French Literature						1			1	.6
						1			1	.6

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TABLE 23 (continued)

Majors	Berkeley	Davis	Irvine	Los Angeles	Riverside	San Diego	Santa Barbara	Santa Cruz	Total	Percent
German				1					1	.6
Psychobiology				1					1	.6
Kinesiology				1					1	.6
Linguistics				1					1	.6
Pre-Dental				1					1	.6
Nursing				1					1	.6
Geography				1					1	.6
Music				1					1	.6
International Relations		1							1	.6
Botany		1							1	.6
Agricultural Economics		1							1	.6
Rhetoric		1							1	.6
Fermentation Science		1							1	.6
Total	29	39	11	34	5	5	30	5	158	100.0
Percentage	18.4	24.7	7.0	21.5	3.2	3.2	19.0	3.2	100.0	

TABLE 24

MAJORS OF BAKERSFIELD COLLEGE STUDENTS AT ALL BRANCHES OF THE UNIVERSITY OF CALIFORNIA AND STATE COLLEGE AND UNIVERSITY SYSTEM DURING THE 1973-74 ACADEMIC YEAR (1,806)

Major	Number of Students	Percentage
Business Management	245	13.6
Sociology	168	9.3
Undeclared, Undetermined	127	7.0
Psychology	120	6.6
History	100	5.5
Biology	85	4.7
English	81	4.5
Engineering	74	4.1
Physical Education	65	3.6
Agriculture	61	3.4
Political Science	52	2.9
Criminal Justice - Law Enforcement	46	2.6
Industrial Arts - Technology	44	2.4
Fine Arts	44	2.4
Liberal Arts	32	1.8
Art	30	1.7
Nursing	29	1.6
Chemistry	25	1.4
Mathematics	25	1.4
Earth Science	24	1.3
Recreation	23	1.3
Architecture	20	1.1
Music	19	1.1
Economics	18	1.0
Health Science	17	.9
Home Economics	17	.9
Speech	13	.7
Natural Resource Management	12	.7
Anthropology	11	.6
Social Science	11	.6
Horticulture	10	.6
Accounting	10	.6
Philosophy	8	.4
Child Development	8	.4
Journalism	8	.4
Occupational Therapy	8	.4
Drama	7	.4
Elementary Ed - Undeclared	6	.3
Secondary Ed - Undeclared	6	.3
Spanish	5	.3
Physiology	5	.3
Zoology	5	.3

TABLE 24 (continued)

Major	Number of Students	Percentage
Physics	5	.3
Medical Technology	4	.2
Wildlife Management	4	.2
French	4	.2
Animal Science	4	.2
Environmental Science	4	.2
Computer Science	4	.2
Geology	4	.2
Chicano Studies	4	.2
Communications	4	.2
Marketing	3	.2
German	3	.2
Aeronautics	2	.1
Behavioral Science	2	.1
Range Management	2	.1
Special Education	2	.1
Biochemistry	2	.1
Bacteriology	2	.1
Geography	2	.1
Afro-American Studies	1	.1
Expressive Arts	1	.1
Entomology	1	.1
Graphic Design	1	.1
Labor Relations	1	.1
Poverty	1	.1
Public Relations	1	.1
Pathology - Audio	1	.1
Radio - TV	1	.1
School Health	1	.1
Vocational Education	1	.1
Dance	1	.1
French Literature	1	.1
Psychobiology	1	.1
Kinesiology	1	.1
Linguistics	1	.1
Pre-Dental	1	.1
International Relations	1	.1
Botany	1	.1
Fermentation Science	1	.1

TABLE 25

BAKERSFIELD COLLEGE TRANSFER MAJORS BY CLASSIFICATIONS
DURING THE 1973-74 ACADEMIC YEAR (1,806)

		Number of Students	Percentage
Behavioral Science:		309	17.1
Sociology	168		
Psychology	120		
Anthropology	11		
Chicano Studies	4		
Behavioral Science	2		
Geography	2		
Poverty	1		
Afro-American Studies	1		
Business:		258	14.3
Business Management	245		
Accounting	10		
Marketing	3		
Social Science:		183	10.1
History	100		
Political Science	52		
Economics	18		
Social Science	11		
Labor Relations	1		
International Relations	1		
Science:		172	9.5
Biology	85		
Chemistry	25		
Earth Science	24		
Physiology	5		
Zoology	5		
Physics	5		
Medical Technology	4		
Geology	4		
Environmental Science	4		
Biochemistry	2		
Bacteriology	2		
Entomology	1		
Psychobiology	1		
Kinesiology	1		
Pre-Dental	1		
Botany	1		
Fermentation Science	1		
Pathology - Audio	1		

TABLE 25 (continued)

		Number of Students	Percentage
Mathematics - Engineering:		169	9.4
Engineering	74		
Industrial Arts - Technology	44		
Mathematics	25		
Architecture	20		
Computer Science	4		
Aeronautics	2		
Undecided, Undetermined		127	7.0
Communications:		108	6.0
English	81		
Speech	13		
Journalism	8		
Communications	4		
Public Relations	1		
Radio - TV	1		
Health and Physical Education:		106	5.8
Physical Education	65		
Recreation	23		
Health Science	17		
School Health	1		
Fine Arts:		103	5.7
Fine Arts	44		
Art	30		
Music	19		
Drama	7		
Expressive Arts	1		
Dance	1		
Graphic Design	1		
Agriculture:		89	4.9
Agriculture	61		
Natural Resource Management	12		
Horticulture	10		
Animal Science	4		
Range Management	2		
Social Services:		87	4.8
Criminal Justice	46		
Nursing	29		
Occupational Therapy	8		
Wildlife Management	4		

TABLE 25 (continued)

		Number of Students	Percentage
Education:		40	2.2
Home Economics	17		
Child Development	8		
Secondary Ed	6		
Elementary Ed	6		
Special Education	2		
Vocational Education	1		
Philosophy - Liberal Arts:		40	2.2
Liberal Arts	32		
Philosophy	8		
Foreign Language - Linguistics:		14	.1
Spanish	5		
French	4		
German	3		
Linguistics	1		
French Literature	1		

TABLE 26

BAKERSFIELD COLLEGE TRANSFER MAJORS BY SCHOOLS
DURING THE 1973-74 ACADEMIC YEAR (1,806)

		Number of Students	Percentage
School of Human Affairs:		608	33.7
Sociology	168		
Psychology	120		
History	100		
Political Science	52		
Criminal Justice	46		
Recreation	23		
Economics	18		
Speech	13		
Anthropology	11		
Social Science	11		
Child Development	8		
Journalism	8		
Secondary Ed	6		
Elementary Ed	6		
Chicano Studies	4		
Communications	4		
Geography	2		
Behavioral Science	2		
Labor Relations	1		
International Relations	1		
Radio - TV	1		
Afro-American Studies	1		
Poverty	1		
Public Relations	1		
School of Business and Management:		472	26.1
Business Management	245		
Agriculture	61		
Industrial Arts - Technology	44		
Mathematics	25		
Architecture	20		
Home Economics	17		
Natural Resource Management	12		
Horticulture	10		
Accounting	10		
Occupational Therapy	8		
Computer Science	4		
Animal Science	4		
Wildlife Management	4		
Marketing	3		
Range Management	2		
Aeronautics	2		
Vocational Education	1		

TABLE 26 (continued)

		Number of Students	Percentage
School of Natural and Applied Sciences:		358	19.8
Biology	85		
Engineering	74		
Physical Education	65		
Nursing	29		
Chemistry	25		
Earth Science	24		
Health Science	17		
Physiology	5		
Zoology	5		
Physics	5		
Medical Technology	4		
Geology	4		
Environmental Science	4		
Biochemistry	2		
Bacteriology	2		
School Health	1		
Entomology	1		
Psychobiology	1		
Kinesiology	1		
Pre-Dental	1		
Botany	1		
Fermentation Science	1		
Pathology - Audio	1		
School of Humanities:		238	13.2
English	81		
Fine Arts	44		
Liberal Arts	32		
Art	30		
Music	19		
Foreign Language	14		
Philosophy	8		
Drama	7		
Expressive Arts	1		
Dance	1		
Graphic Design	1		
Undeclared:		127	7.0

GROUPINGS BY INSTITUTE DEANS

Frank Wattron:	Number	Percent	Fred Ittner:	Number	Percent
School of Human Affairs	608	33.7	School of Business and Management	472	26.1
School of Humanities	238	13.2	School of Natural and Applied Science	358	19.8
Total	846	46.9	Total	830	45.9

TABLE 27

COMPARISON OF BAKERSFIELD COLLEGE MAJORS WITH ALL UPPER DIVISION TRANSFER MAJORS AT STATE COLLEGES AND UNIVERSITIES

Majors	Percent of All Transfers As Indicated By 1969-71 State University Study	Percent of B.C. Transfers
Agriculture Science	.9	4.2
Area and Ethnic Studies	.3	.3
Biological Science	4.4	4.0
Business Administration	14.2	14.8
Creative Arts and Speech	9.6	7.2
Education	1.0	.8
Engineering	5.0	5.4
Environmental Design	1.0	.1
Foreign Languages	1.2	.1
Health Sciences, Nursing	3.0	2.3
Home Economics	2.0	1.0
Humanities	8.1	6.7
Industrial Arts, Technology	3.7	3.2
Law Enforcement, Criminology	1.6	2.8
Mathematics, Computer Science	2.3	1.6
Natural Resources	.7	1.3
Physical Education, Recreation	4.3	5.3
Physical Sciences	2.3	2.9
Social and Behavioral Sciences	30.0	27.6
Undeclared	5.5	6.9

Note: Columns do not add to 100% because of special majors and those which do not fall under these classifications.

Summary

Tables 16 through 27 indicate the following significant points:

1. Numerically, the most popular major is Business Administration - Management (13.6% of all transfer majors). Data indicate that this major is increasing in popularity at Cal-State, Bakersfield (20.1% in 1973) which, as we have seen, is the recipient of over half of Bakersfield College transfers.

2. Sociology, with 9.3%, is the second most popular major. Cal-State data indicate that interest in this discipline may have peaked and will drop in the future. From Fall 1972 to Fall 1973, percentage of those majoring in Sociology dropped from 17.1% to 14.6%.

3. At state colleges other than Bakersfield, majors were determined by specialization offered by the colleges. Though Engineering, Agriculture, Criminal Justice, and Architecture did not constitute a large percentage of majors of all B.C. transfers, they did account for large percentages at particular state colleges. Examples:

School	Major	Percentage
Fresno	Criminology	14.4
Fresno	Industrial Arts	12.8
Cal-Poly, San Luis Obispo	Agriculture	35.6
Cal-Poly, San Luis Obispo	Engineering	14.1
Cal-Poly, San Luis Obispo	Architecture	10.7
Pomona	Engineering	57.5

4. Science constituted a much larger percentage of University of California majors (29.6%) than state colleges and universities (7.2%).

5. About 100 students, approximately 5%, still had not declared a major.

6. When majors are grouped by large categories (Table 25), top areas of specialization were Behavioral Science (17.1%), Business (14.3%), Social Science (10.1%), Science (9.5%), and Math-Engineering (9.4%). Foreign Language, with .1%, was numerically the smallest major.

7. When majors were grouped by schools categories used to determine areas of authority of Institute Deans at Bakersfield College, almost identical numbers were grouped under each.

8. Data were too incomplete to determine changes in majors from year to year for colleges other than Cal-State, Bakersfield.

9. Comparison of B.C. majors with transfer majors generally indicates few changes in major patterns. Agriculture has a significantly higher percentage, 4.2 to .9, than the state average. Business Administration headed both state and B.C. transfers, 14.8% to 14.2%.

PART III

ACADEMIC ACHIEVEMENT OF BAKERSFIELD COLLEGE TRANSFERS AT STATE COLLEGES AND UNIVERSITIES AND THE UNIVERSITY OF CALIFORNIA

Grade Analysis Problems

Part III presents data dealing with academic performance of Bakersfield College students transferring to the twenty-seven public 4-year colleges in California. Section A gives introduction, tables, and summary for grades earned at the state colleges and universities; Section B provides the same information for the University of California.

As was related in the introduction to Part II, problems arose concerning the consistancy of data from the colleges. Problems unique to grade analysis at the state colleges and universities and the University of California will be discussed in Sections A and B. However, a few general comments on these problems might be appropriate in this introduction:

1. The University of California and State College and University System use completely different systems to report their grades. The university gives first year of attendance only; most state colleges supply grades for all attending Freshmen through graduates. Therefore, university grades and state college grades will be dealt with separately.

2. No two state colleges reported grades exactly alike. For instance, they varied in use of term grades as opposed to cumulative, computation of average G.P.A. as opposed to individual reports only, and how to treat students when they had dropped or withdrawn. Some listed computations on individual cards, others on IBM sheets, others presented the information in a form that almost defied the reader to make any sense out of it. The state college summaries (Tables 44 to 48) are an attempt to pull this diverse orange, apple, banana type information together into a consistant fruit bowl data summary.

3. Because of the lack of complete information on G.P.A. performance previous to the 1973-74 academic year, only data for that year is indicated in tables presenting data on the nineteen state colleges. Therefore, information on changes in grade patterns of B.C. students over the years is missing.

4. Talks are now underway between state college and university transfer officers and members of California's two community college institutional research organizations in order to standardize grade reporting methods and set up ongoing transfer studies. Consistant data and longitudinal follow-ups will be more possible in years to come.

SECTION A

STATE COLLEGES AND UNIVERSITIES

Explanation of State College and University G.P.A. Tables

Grade performances of Bakersfield College transfers at state colleges and universities are indicated in Tables 28 through 49. Tables 28 through 44 show grade data for individual colleges arranged in decreasing order of Bakersfield College transfer enrollment, Tables 45 through 49 total and summarize this data. Three different grade informations are presented in the tables.

1. Term grades only (quarter or semester)
2. Cumulative G.P.A. at the college only
3. Combined cumulative at the college and Bakersfield College

Grade distribution information usually subdivides grades into 4.0, 3.0 - 3.9, 2.0 - 2.9, and below 2.0, 3.0 and above, and 2.0 and above; numbers and percentages of students in these categories are listed.

Years for which grades are reported are restricted to the 1972-73, 1973-74 academic years. In many cases, only the 1973-74 data were available. In some cases, Fall term was used, in other cases Spring term, and in others, both terms.

Data for each of the grade categories are grouped into 4.0, 3.0 - 3.9, 2.0 - 2.9, and below 2.0 on the first line; then 3.0 and above, and 2.0 and above on the second line. Mean average G.P.A., when available, is indicated in the lower right hand corner of the grade reporting block. If grades earned by all community college students have been calculated, this average is given right under the Bakersfield College average.

Specifically, the state college and university tables are as follows:

Table 28 - Academic Performance of Bakersfield College Students at Cal-State, Bakersfield.

The six quarter, 1972-73, 1973-74, grades of Bakersfield

College students are presented by this table. The bottom line indicates the average grade distribution excluding drops and withdrawals for the two academic years.

Table 29 - Cumulative Grade Point Average, Bakersfield College Students at Cal-State, Bakersfield - Spring Quarters.

Cumulative grade point performance of all Bakersfield College students at Cal-State, Bakersfield for Spring quarters of 1972-73, 1973-74, are presented in this table.

Table 30 - Academic Performance, Bakersfield College Students at Cal-State University, Fresno.

This table shows cumulative grade point distribution for Spring semester 1974 at Fresno. Average G.P.A. for this semester and Fall was 2.67. The data at the top of the table deal with semester grades for Fall 1973 and Spring 1974.

Table 31 - Academic Performance, Bakersfield College Students at Cal-Polytechnic State University, San Luis Obispo - Fall 1972 and Fall 1973.

Grades accumulated at San Luis Obispo are summarized for Fall 1972 and Fall 1973. Information at the bottom of the table gives cumulative at San Luis Obispo and B.C. All data exclude students to drop during the semester.

Table 32 - Academic Performance, Bakersfield College Students at San Jose State University - Fall 1973 (120).

San Jose data include Fall 1973 only, semester cumulative at San Jose and cumulative at B.C. and San Jose.

Table 33 - Academic Performance, Bakersfield College Students at Cal-State University, San Diego - 1972-74.

This college gives data for first semester of attendance only. Semester information is summarized for the 1972-73, 1973-74 academic years. The total of 76 represents, hopefully, a close approximation to the total amount of B.C. students attending during the last academic year.

Table 34 - Academic Performance of Bakersfield College Students at Cal-State University, Long Beach - Spring 1973-Spring 1974.

Distribution information was only available for the last three semesters, so both semester and cumulative grade information is shown for Spring 1973, Fall 1973 and Spring 1974.

Table 35 - Academic Performance of Bakersfield College Students at Cal-State University, San Francisco - Spring 1973-Spring 1974.

The time period and grade information as used in Table 34 for Long Beach is used in this table for San Francisco.

Table 36 - Academic Performance of Bakersfield College Students at Cal-State University, Sacramento - Spring Semesters 1973, 1974.

Grades are indicated for Spring semesters only of 1973 and 1974. Semester grades, cumulative at Sacramento and cumulative at Sacramento and Bakersfield are included.

Table 37 - Academic Performance, Bakersfield College Students at Cal-State Polytechnic University, Pomona - Spring 1974 Only.

Only Spring 1974 was available. Cumulative at Pomona and cumulative at Pomona and Bakersfield College are included.

Table 38 - Academic Performance of Bakersfield College Students at Cal-State University, Hayward - Fall 1973.

Standard grade distribution information was not available for this college. Grade listings were only given by major, not

by individual. Totals for grades earned at B.C. and earned at Hayward are indicated at the bottom of the table.

Table 39 - Academic Performance, Bakersfield College Students at Cal-State University, Los Angeles - 1972-73.

A students rights controversy resulted in researchers being denied access to grade reports for the 1973-74 academic year. So the 1972-73 academic year was substituted. Cumulative grades for that year are indicated.

Table 40 - Academic Performance, Bakersfield College Students at Cal-State University, Humboldt - 1972-1974.

As in the case of Cal-State, Bakersfield, quarter grades are presented for the last two academic years. Cumulative grade distribution is given for Spring 1974 only.

Table 41 - Academic Performance, Bakersfield College Students at Cal-State University, Northridge - 1972-1974.

As in the case of San Diego, semester grades for the first term of attendance only were available, so this information for the 1972-73, 1973-74 academic years is indicated.

Table 42 - Academic Performance, Bakersfield College Students at Cal-State University, Chico - Spring 1974.

Spring 1974 grade distributions for cumulative at Chico and cumulative at Bakersfield College and Chico are indicated.

Table 43 - Academic Performance, Bakersfield College Students at Cal-State University, Fullerton - Fall 1973 Only.

Fall 1973 information only was available. Semester, cumulative at Fullerton and cumulative at Bakersfield College and Fullerton grade information is presented for this time period.

Table 44 - Academic Performance of Bakersfield College Students at State Colleges, Less Than Ten B.C. Students Each.

This table summarizes grade distributions for the four colleges, Sonoma, Stanislaus, Dominguez Hills, and San Bernardino, in which less than ten Bakersfield College students were attending during the 1973-74 academic year. Totals for semester grades at Sonoma, Stanislaus and Dominguez Hills, and cumulative grades at Sonoma, Stanislaus and San Bernardino are presented at the end of the table.

Table 45 - Summary of Term Grade Performance of Bakersfield College Student Transfers to State Colleges and Universities During 1973-74 Academic Year.

This table gives the totals and percentage grade distributions for the fourteen state colleges reporting term (quarter or semester) grades for the 1973-74 academic year. The top excludes Cal-State, Bakersfield from this distribution total; the bottom half includes Cal-State, Bakersfield.

Table 46 - Summary of Cumulative Grades Earned by Bakersfield College Transfers at State Colleges and Universities.

This table gives totals and percentage grade distributions for the fourteen state colleges reporting cumulative grades earned by Bakersfield College transfers. Again, the top half excludes Cal-State, Bakersfield, the bottom half includes Cal-State, Bakersfield.

Table 47 - Summary of Cumulative Grades Earned by Bakersfield College Transfers at State Colleges and Universities and Bakersfield College.

This table gives cumulative grades earned at the colleges and Bakersfield College combined.

Table 48 - Summary of Average G.P.A. Data for Bakersfield College Transfer Students Attending State Colleges - 1973-74.

This table summarizes the mean grade point average for each of the nineteen state colleges for term, cumulative college and cumulative at the college and B.C., when the information was available, for the 1973-74 academic year. These mean averages, when available, are also reported for all community college transfers and the last column shows the differential between the B.C. performance and the community college performance. At the bottom of the third page, the mean G.P.A. for all Bakersfield College students at state colleges is calculated. This figure is based on cumulative data at fourteen colleges and semester and combined cumulative at the other five, so should be regarded as a relatively crude approximation. Differential between B.C. and other community college transfers is also calculated.

Table 49 - Cumulative Grades at State Colleges and Universities.

The average cumulative G.P.A. calculations are listed in descending order in this table.

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TABLE 28

ACADEMIC PERFORMANCE OF BAKERSFIELD COLLEGE STUDENTS AT CAL-STATE, BAKERSFIELD

Quarter of Attendance		4.0		3.0 and above		2.0 and above		* Below 2.0	
		Number of Students	Percent	Number of Students	Percent	Number of Students	Percent	Number of Students	Percent
Fall 1972	(758)	73	9.6	369	48.6	638	84.2	120	15.8
Winter 1973	(709)	101	14.3	373	52.6	594	83.7	115	16.2
Spring 1973	(729)	103	14.1	382	52.4	602	82.6	127	17.4
Fall 1973	(840)	85	10.1	387	46.1	655	78.0	185	22.0
Winter 1974	(842)	65	7.7	358	42.5	651	77.3	191	22.7
Spring 1974	(831)	105	12.6	394	47.4	638	76.8	193	23.2
Total for six quarters	(4,709)	532	11.3	2,263	48.1	3,778	80.3	931	19.7
Total excluding drops, withdrawals (students actually receiving grades)	(4,425)	532	12.5	2,263	53.2	3,778	88.9	466	11.1

* Includes D, F, W, Inc., Drop, etc.

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TABLE 29

CUMULATIVE GRADE POINT AVERAGE
BAKERSFIELD COLLEGE STUDENTS AT CAL-STATE, BAKERSFIELD - SPRING QUARTERS

Year		Number of Students	Percent	Number of Students	Percent	Number of Students	Percent	Number of Students	Percent
1973	(729)	4.00		3.00 - 3.99		2.00 - 2.99		* Below 2.00	
		22	3.0	284	39.0	334	45.8	89	12.2
				3.00 and above		2.00 and above			
				306	41.9	640	87.8		
1974	(831)	4.00		3.00 - 3.99		2.00 - 2.99		* Below 2.00	
		23	2.8	298	35.8	378	45.5	132	15.9
				3.00 and above		2.00 and above		Mean Average	
				321	38.6	699	84.1	2.67	

* Includes D, F, W, Inc., Drop, etc.

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TABLE 30

ACADEMIC PERFORMANCE
BAKERSFIELD COLLEGE STUDENTS AT CAL-STATE UNIVERSITY, FRESNO

	Number of Students	Percent	Number of Students	Percent	Number of Students	Percent	Number of Students	Percent
Fall 1973 (217)	4.00		3.00 - 3.99		2.00 - 2.99		* Below 2.00	
	11	5.1	79	36.4	94	43.3	33	15.2
			3.00 and above		2.00 and above			
			90	41.5	184	84.8		
Spring 1974 (195)	4.00		3.00 - 3.99		2.00 - 2.99		* Below 2.00	
	13	6.7	76	[illegible]	83	42.6	23	11.8
			3.00 and above		2.00 and above			
			81	45.6	171	88.2		
Cumulative Grades Spring 1974 (Includes grades at Bakersfield College and Fresno)	4.00		3.00 - 3.99		2.00 - 2.99		* Below 2.00	
	0		41	21.0	143	73.3	11	5.6
			3.00 and above		2.00 and above			
			41	21.0	184	94.4		
Average Cumulative both Semesters		2.67						

* Includes D, F, W, Inc., Drop, etc.

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TABLE 31

ACADEMIC PERFORMANCE
BAKERSFIELD COLLEGE STUDENTS AT CAL-POLYTECHNIC STATE UNIVERSITY, SAN LUIS OBISPO - FALL 1972 AND FALL 1973

				Number of Students	Percent	Number of Students	Percent	Number of Students	Percent
Cumulative at San Luis Obispo	Fall 1972 (124)	4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
		0		34	27.4	77	62.1	13	10.5
				3.00 and above		2.00 and above		Mean Average	
				34	27.4	111	89.5	2.63	
	Fall (162)	4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
		0		26	16.1	90	55.6	46	28.4
				3.00 and above		2.00 and above		Mean Average	
				26	16.1	116	71.6	2.38	
Cumulative (Includes grades at Bakersfield College and San Luis Obispo)	Fall 1972	4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
		0		21	16.9	94	75.8	9	7.3
				3.00 and above		2.00 and above		Mean Average	
				21	16.9	115	92.7	2.55	
	Fall 1973	4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
		0		24	14.8	123	75.9	15	9.3
				3.00 and above		2.00 and above		Mean Average	
				24	14.8	147	92.7	2.49	

Note: All students to drop all courses during semester are excluded.

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TABLE 32

ACADEMIC PERFORMANCE
BAKERSFIELD COLLEGE STUDENTS AT SAN JOSE STATE UNIVERSITY - FALL 1973 (120)

	Number of Students	Percent	Number of Students	Percent	Number of Students	Percent	Number of Students	Percent
Fall 1973 Grades Only	4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
	5	4.2	37	30.8	46	38.3	32	26.7
			3.00 and above		2.00 and above		Mean Average	
			42	35.0	88	73.3	2.50	
Cumulative at San Jose	4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
	1	.8	30	25.0	69	57.5	20	16.7
			3.00 and above		2.00 and above		Mean Average	
			31	25.8	100	83.3	2.57	
							All C. C. Transfers	
							2.70	
Cumulative (Includes grades at Bakersfield College and San Jose)	4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
	0		17	14.2	94	78.3	9	7.5
			3.00 and above		2.00 and above		Mean Average	
			17	14.2	111	92.5	2.57	

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TABLE 33

ACADEMIC PERFORMANCE
BAKERSFIELD COLLEGE STUDENTS AT CAL-STATE UNIVERSITY, SAN DIEGO - 1972-74

First Semester of Attendance Only	Number of Students	Percent	Number of Students	Percent	Number of Students	Percent	Number of Students	Percent
1972-73 (39)	4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
	1	2.6	12	30.8	18	46.1	8	20.5
			3.00 and above		2.00 and above		Mean Average	
			13	33.4	31	79.5	2.75	
							All C. C. Transfers	
							2.42	
1973-74 (37)	4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
	2	5.4	8	21.6	12	32.4	15	40.5
			3.00 and above		2.00 and above		Mean Average	
			10	27.0	22	59.4	2.43	
							All C. C. Transfers	
							2.43	

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TABLE 34

ACADEMIC PERFORMANCE OF BAKERSFIELD COLLEGE STUDENTS
AT CAL-STATE UNIVERSITY, LONG BEACH - SPRING 1973-SPRING 1974

		Number of Students	Percent	Number of Students	Percent	Number of Students	Percent	Number of Students	Percent
Semester Grades	Spring 1973 (50)	4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
		1	2.0	14	28.0	22	44.0	13	26.0
				3.00 and above		2.00 and above		Mean Average	
				15	30.0	37	74.0	2.43	
	Fall 1973 (51)	4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
		2	3.9	14	27.5	21	41.2	14	27.5
				3.00 and above		2.00 and above		Mean Average	
				16	31.4	37	72.6	2.32	
	Spring 1974 (47)	4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
		2	4.3	11	23.4	24	51.1	10	21.3
				3.00 and above		2.00 and above		Mean Average	
				13	27.7	37	78.8	2.38	

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TABLE 34 (continued)

		Number of Students	Percent	Number of Students	Percent	Number of Students	Percent	Number of Students	Percent
Cumulative at Long Beach	Spring 1973 (50)	4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
		0		10	20.0	34	68.0	6	12.0
				3.00 and above		2.00 and above		Mean Average	
				10	20.0	44	88.0	2.56	
	Fall 1973 (51)	4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
		0		10	19.6	31	60.8	10	19.6
				3.00 and above		2.00 and above		Mean Average	
				10	19.6	41	80.1	2.47	
	Spring 1974 (47)	4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
		0		11	23.4	29	61.7	7	14.9
				3.00 and above		2.00 and above		Mean Average	
				11	23.4	40	85.1	2.50	

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TABLE 35

ACADEMIC PERFORMANCE OF BAKERSFIELD COLLEGE STUDENTS
AT CAL-STATE UNIVERSITY, SAN FRANCISCO - SPRING 1973-SPRING 1974

		Number of Students	Percent	Number of Students	Percent	Number of Students	Percent	Number of Students	Percent
Semester Grades Only	Spring 1973 (38)	4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
		4	10.5	21	55.3	8	21.1	5	13.2
				3.00 and above		2.00 and above		Mean Average	
				25	65.8	33	86.8	3.11	
								All C. C. Transfers	
								3.05	
	Fall 1973 (30)	4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
		0		14	46.7	12	40.0	4	13.3
				3.00 and above		2.00 and above		Mean Average	
				14	46.7	26	86.7	2.95	
								All C. C. Transfers	
								2.92	

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TABLE 35 (continued)

		Number of Students	Percent	Number of Students	Percent	Number of Students	Percent	Number of Students	Percent
		4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
	Spring 1974 (30)	0		20	66.7	4	13.3	6	20.0
				3.00 and above		2.00 and above		Mean Average	
				20	66.7	24	80.0	2.88	
								All C. C. Transfers	
								2.93	
Cumulative at San Francisco	Spring 1973 (38)	4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
		0		20	52.8	17	44.7	1	2.6
				3.00 and above		2.00 and above		Mean Average	
				20	52.8	37	97.4	3.01	
								All C. C. Transfers	
								2.99	

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TABLE 35 (continued)

	Number of Students	Percent	Number of Students	Percent	Number of Students	Percent	Number of Students	Percent
Fall 1973 (30)	4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
	0		16	53.3	12	40.0	2	6.7
			3.00 and above		2.00 and above		Mean Average	
			16	53.3	28	93.3	3.01	
							All C. C. Transfers	
							2.97	
Spring 1974 (30)	4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
	0		18	60.0	10	33.3	2	6.7
			3.00 and above		2.00 and above		Mean Average	
			18	60.0	28	93.3	2.98	
							All C. C. Transfers	
							2.97	

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TABLE 36

ACADEMIC PERFORMANCE OF BAKERSFIELD COLLEGE STUDENTS
AT CAL-STATE UNIVERSITY, SACRAMENTO - SPRING SEMESTERS 1973, 1974

		Number of Students	Percent	Number of Students	Percent	Number of Students	Percent	Number of Students	Percent
Semester Grades Only	Spring 1973 (27)	4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
		2	7.4	15	55.6	9	33.3	1	3.7
				3.00 and above		2.00 and above		Mean Average	
				17	63.0	26	96.3	3.04	
								All C. C. Transfers	
								2.78	
	Spring 1974 (33)	4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
		2	6.1	13	39.4	14	42.4	4	12.1
				3.00 and above		2.00 and above		Mean Average	
				15	45.5	29	87.9	2.65	
Cumulative at Sacramento	Spring 1973 (27)	4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
		0		17	63.0	9	33.3	1	3.7
				3.00 and above		2.00 and above		Mean Average	
				17	63.0	26	96.3	3.02	

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TABLE 36 (continued)

		Number of Students	Percent	Number of Students	Percent	Number of Students	Percent	Number of Students	Percent
	Spring 1974 (33)	4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
		0		13	39.4	18	54.6	2	6.1
				3.00 and above		2.00 and above		Mean Average	
				13	39.4	31	93.9	2.84	
Cumulative (Includes grades at Bakersfield College and Sacramento)	Spring 1973 (27)	4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
		0		9	33.3	18	66.7	0	
				3.00 and above		2.00 and above		Mean Average	
				9	33.3	27	100.0	2.77	
								All C. C. Transfers	
								2.77	
	Spring 1974 (33)	4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
		0		8	24.2	25	75.8	0	
				3.00 and above		2.00 and above			
				8	24.2	33	100.0		

Note: Spring 1973 - 6 students on Dean's Honor List
Spring 1974 - 7 students on Dean's Honor List

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TABLE 37

ACADEMIC PERFORMANCE
BAKERSFIELD COLLEGE STUDENTS AT CAL-STATE POLYTECHNIC UNIVERSITY, POMONA - SPRING 1974 ONLY

		Number of Students	Percent	Number of Students	Percent	Number of Students	Percent
Cumulative at Pomona (32)	4.00	3.00 - 3.99		2.00 - 2.99		Below 2.00	
	0	7	21.9	17	53.1	8	25.0
		3.00 and above		2.00 and above		Mean Average	
		7	21.9	24	75.0	2.38	
Cumulative at Pomona and Bakersfield College	4.00	3.00 - 3.99		2.00 - 2.99		Below 2.00	
	0	3	9.4	25	78.1	4	12.5
		3.00 and above		2.00 and above		Mean Average	
		3	9.4	28	87.5	2.46	

TABLE 38

ACADEMIC PERFORMANCE OF BAKERSFIELD COLLEGE STUDENTS
AT CAL-STATE UNIVERSITY, HAYWARD - FALL 1973

Majors	Total Students	Grades at Bakersfield College	Cumulative at Hayward	All C. C. Transfers at Hayward
Music	5	2.91	3.15	2.80
Business Administration	4	2.14	2.03	2.35
Child Development	3	1.97	2.06	2.62
Art	3	2.12	3.14	2.90
Physical Education	2	2.13	2.34	2.44
English	2	2.28	3.10	2.69
Recreation	2	2.24	2.61	2.76
Political Science	2	2.86	2.30	2.40
Anthropology	1	2.31	2.51	2.73
History	1	2.00	1.85	2.56
Psychology	1	3.11	2.78	2.68
Sociology	1	2.10	1.81	2.40
Total	27	2.33	2.60	2.54

Note: Grades only available by majors field.

TABLE 39

ACADEMIC PERFORMANCE
BAKERSFIELD COLLEGE STUDENTS AT CAL-STATE UNIVERSITY, LOS ANGELES - 1972-73

		Number of Students	Percent	Number of Students	Percent	Number of Students	Percent
	4.00	3.00 - 3.99		2.00 - 2.99		Below 2.00	
Spring 1973 Cumulative at Los Angeles (25)	0	7	28.0	16	64.0	2	8.0
		3.00 and above		2.00 and above		Mean Average	
		7	28.0	23	92.0	2.79	
						All C. C. Transfers	
						2.59	

Note: 1973-74 results could not be obtained because of student rights agreement.

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TABLE 40

ACADEMIC PERFORMANCE
BAKERSFIELD COLLEGE STUDENTS AT CAL-STATE UNIVERSITY, HUMBOLDT - 1972-1974

		4.00	3.00 - 3.99	2.00 - 2.99	Below 2.00	Mean Average	All Community College Transfers
Quarter Grades Only	Fall 1972 (21)	0	10	10	1	2.89	2.90
	Winter 1973 (23)	0	14	5	4	2.82	2.93
	Spring 1973 (21)	1	7	11	2	2.66	2.94
	Fall 1973 (24)	0	11	9	4	2.65	2.89
	Winter 1974 (24)	1	5	15	3	2.74	2.84
	Spring 1974 (20)	1	8	10	1	2.91	2.99
Totals for Quarters		3 (2.3%)	55 (41.4%)	60 (45.1%)	15 (11.3%)	2.78	2.92
			3.00 & above	2.00 & above			
			58 (43.6%)	118 (88.7%)			
			3.00 - 3.99	2.00 - 2.99			
Humboldt Cumulative	Spring 1974 Only (20)	1 (5.0%)	8 (40.0%)	10 (50.0%)	1 (5.0%)	2.71	
			3.00 & above	2.00 & above			
			9 (45.0%)	19 (95.0%)			

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TABLE 41

ACADEMIC PERFORMANCE
BAKERSFIELD COLLEGE STUDENTS AT CAL-STATE UNIVERSITY, NORTHRIDGE - 1972-1974

First Semester of Attendance Only	4.00	3.00 - 3.99	2.00 - 2.99	Below 2.00	Mean Average
1972-73 (12)	0	2	9	1	2.60
1973-74 (11)	0	3	7	1	2.71
Total of 23	0	5 (21.7%)	16 (59.6%)	2 (8.7%)	2.65

3.00 & above	2.00 & above
5 (21.7%)	21 (91.3%)

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TABLE 42

ACADEMIC PERFORMANCE
BAKERSFIELD COLLEGE STUDENTS AT CAL-STATE UNIVERSITY, CHICO - SPRING 1974

		Number of Students	Percent	Number of Students	Percent	Number of Students	Percent
Cumulative at Chico (19)	4.00	3.00 - 3.99		2.00 - 2.99		Below 2.00	
	0	7	36.8	11	57.9	1	5.3
		3.00 and above		2.00 and above		Mean Average	
		7	36.8	18	94.7	2.74	
Cumulative (Includes grades at Bakersfield College and Chico)	4.00	3.00 - 3.99		2.00 - 2.99		Below 2.00	
	0	4	21.1	15	78.9	0	
		3.00 and above		2.00 and above		Mean Average	
		4	21.1	19	100.0	2.74	

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TABLE 43

ACADEMIC PERFORMANCE
BAKERSFIELD COLLEGE STUDENTS AT CAL-STATE UNIVERSITY, FULLERTON - FALL 1973 ONLY

		Number of Students	Percent	Number of Students	Percent	Number of Students	Percent
Fall 1973 only (12)	4.00	3.00 - 3.99		2.00 - 2.99		Below 2.00	
	0	5	41.7	3	25.0	4	33.3
		3.00 and above		2.00 and above		Mean Average	
		5	41.7	8	66.7	2.62	
Cumulative at Fullerton	4.00	3.00 - 3.99		2.00 - 2.99		Below 2.00	
	0	3	25.0	5	41.7	4	33.3
		3.00 and above		2.00 and above		Mean Average	
		3	25.0	8	66.7	2.70	
Cumulative (Includes grades at Bakersfield College and Fullerton)	4.00	3.00 - 3.99		2.00 - 2.99		Below 2.00	
	0	5	41.7	6	50.0	1	8.4
		3.00 and above		2.00 and above		Mean Average	
		5	41.7	11	91.7	2.79	

Note: Students transferred in from Bakersfield College with a Mean G.P.A. of 2.85

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TABLE 44

ACADEMIC PERFORMANCE OF BAKERSFIELD COLLEGE STUDENTS AT STATE COLLEGES
LESS THAN TEN B.C. STUDENTS EACH

		4.00	3.00 - 3.99	2.00 - 2.99	Below 2.00	Mean Average
Cal-State College, Sonoma:						
Semester Grades Only	Spring 1973 (7)	2	4	1	0	3.25
	Spring 1974 (6)	0	4	2	0	3.15
Cumulative at Sonoma	Spring 1973 (7)	0	3	4	0	3.03
	Spring 1974 (6)	0	4	2	0	3.18
Cal-State College, Stanislaus:						
Semester Grades Only	Spring 1973 (5)	1	0	3	1	2.31
	Spring 1974 (5)	1	2	2	0	2.88
Cumulative at Stanislaus	Spring 1973 (5)	0	1	3	1	2.91
	Spring 1974 (5)	0	2	3	0	3.00
Cal-State College, Dominguez Hills:						
Semester Grades Only	Fall 1973 (1)	0	1	0	0	3.00

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TABLE 44 (continued)

		4.00	3.00 - 3.99	2.00 - 2.99	Below 2.00	Mean Average
Cal-State College, San Bernardino:						
Cumulative at San Bernardino	Spring 1974 (1)	0	0	1	0	2.87
Totals for Colleges:						
Semester Grades Only	1973-74 (24)	4 (16.7%)	11 (45.8%)	8 (33.3%)	1 (4.2%)	2.94
			3.00 & above	2.00 & above		
			15 (62.5%)	23 (95.8%)		
			3.00 - 3.99	2.00 - 2.99		
Cumulative at Colleges	1973-74 (24)	0	10 (41.7%)	13 (54.2%)	1 (4.2%)	3.03
			3.00 & above	2.00 & above		
			10 (41.7%)	23 (95.8%)		

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TABLE 45

SUMMARY OF TERM GRADE PERFORMANCE OF BAKERSFIELD COLLEGE STUDENT TRANSFERS TO STATE COLLEGES AND UNIVERSITIES DURING 1973-74 ACADEMIC YEAR

	Number of Students	Percent	Number of Students	Percent	Number of Students	Percent	Number of Students	Percent
	4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
Total excluding Cal-State, Bakersfield 14 colleges with 610 students	28	4.6	206	33.8	255	41.8	121	19.8
			3.00 and above		2.00 and above			
			234	38.4	489	80.2		
	4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
Total including Cal-State, Bakersfield 15 colleges with 1,318 students	112	8.5	499	38.0	508	38.5	199	15.1
			3.00 and above		2.00 and above			
			611	46.5	1,119	85.2		

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TABLE 46

SUMMARY OF CUMULATIVE GRADES EARNED BY BAKERSFIELD COLLEGE TRANSFERS AT STATE COLLEGES AND UNIVERSITIES

	Number of Students	Percent	Number of Students	Percent	Number of Students	Percent	Number of Students	Percent
	4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
Total excluding Cal-State, Bakersfield 13 colleges with 527 students	2	.4	136	25.8	293	55.6	96	18.2
			3.00 and above		2.00 and above			
			138	26.2	431	81.8		
	4.00		3.00 - 3.99		2.00 - 2.99		Below 2.00	
Total including Cal-State, Bakersfield 14 colleges with 1,358 students	25	1.8	434	32.0	671	49.4	228	16.8
			3.00 and above		2.00 and above			
			459	33.8	1,130	83.2		

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TABLE 47

SUMMARY OF CUMULATIVE GRADES EARNED BY BAKERSFIELD COLLEGE TRANSFERS AT STATE COLLEGES AND UNIVERSITIES AND BAKERSFIELD COLLEGE

		Number of Students	Percent	Number of Students	Percent	Number of Students	Percent
	4.00	3.00 - 3.99		2.00 - 2.99		Below 2.00	
Total at 7 colleges with 573 students (Information not available for Cal-State, Bakersfield)	0	102	17.8	431	75.2	40	7.0
		3.00 and above		2.00 and above			
		102	17.8	533	93.0		

TABLE 48

SUMMARY OF AVERAGE G.P.A. DATA FOR BAKERSFIELD COLLEGE
TRANSFER STUDENTS ATTENDING STATE COLLEGES - 1973-74

Colleges		B.C. Transfers	All C. C. Transfers	Difference
Bakersfield	(831)			
Cumulative at Bakersfield		2.67		
Fresno	(217)			
Cumulative at Fresno and B.C.		2.67		
San Luis Obispo	(177)			
Cumulative at San Luis Obispo		2.38		
Cumulative at San Luis Obispo and B.C.		2.49		
San Jose	(120)			
Semester Grades		2.50		
Cumulative at San Jose		2.57	2.70	- .13
Cumulative at San Jose and B.C.		2.57		
San Diego	(76)			
Semester Grades		2.59	2.43	+ .16
Long Beach	(51)			
Semester Grades		2.38		
Cumulative at Long Beach		2.51		

TABLE 48 (continued)

Colleges	B.C. Transfers	All C. C. Transfers	Difference
Sacramento (33)			
Semester Grades	3.04	2.78	+ .24
Cumulative at Sacramento	2.84		
Cumulative at Sacramento and B.C.	2.77	2.77	.00
Pomona (32)			
Cumulative at Pomona	2.38		
Cumulative at Pomona and B.C.	2.46		
San Francisco (30)			
Semester Grades	3.01	2.96	+ .05
Cumulative at San Francisco	3.01	2.98	+ .03
Hayward (27)			
Cumulative at Hayward	2.60	2.54	+ .06
Los Angeles (25)			
Cumulative at Los Angeles	2.79	2.59	+ .20
Humboldt (24)			
Quarter Grades	2.78	2.92	- .14
Cumulative at Humboldt	2.71		
Northridge (23)			
Semester Grades	2.65		

TABLE 48 (continued)

Colleges	B.C. Transfers	All C. C. Transfers	Difference
Chico (19)			
Cumulative at Chico	2.74		
Cumulative at Chico and B.C.	2.74		
Fullerton (12)			
Semester Grades	2.62		
Cumulative at Fullerton	2.70		
Cumulative at Fullerton and B.C.	2.79		
Colleges with less than ten B.C. students (Sonoma, Stanislaus, Dominguez Hills, San Bernardino) (13)			
Semester Grades	2.94		
Grades at Colleges	3.03		

Mean G.P.A. for all Bakersfield College Students at State Colleges 2.63

Mean Difference Between B.C. and all Transfer Students in Seven Colleges where Information is Available (315 students) + .0025

TABLE 49

CUMULATIVE GRADES AT STATE COLLEGES AND UNIVERSITIES

3.00 and above	43	(2.5%)		
Grades at four colleges with ten or less B.C. students			13	3.03
San Francisco			30	3.01
2.90 - 2.99	0			
2.80 - 2.89	33	(1.9%)		
Sacramento			33	2.84
2.70 - 2.79	80	(4.7%)		
Los Angeles			25	2.79
Chico			19	2.74
Humboldt			24	2.71
Fullerton			12	2.70
2.60 - 2.69	1,098	(64.2%)		
Bakersfield			831	2.67
* Fresno			217	2.67
* Northridge			33	2.65
Hayward			27	2.60
2.50 - 2.59	247	(14.4%)		
* San Diego			76	2.59
San Jose			120	2.57
Long Beach			51	2.51
2.40 - 2.49	0			
2.30 - 2.39	209	(12.3%)		
San Luis Obispo			177	2.38
Pomona			32	2.38

* Cumulative grades at institution not available. Grade information used was:

Fresno - Cumulative B.C. and Fresno
Northridge - Semester grades
San Diego - Semester grades

Additional Information on Transfers to State Colleges and Universities Derived From Tables 28 - 49

Studies of community college transfers, in addition to the kind of information observed in Tables 28 through 49, traditionally have dealt with the following:

1. Differences between grades transferred in from the community colleges and grades earned at the 4-year colleges.

2. The impact of "transfer shock" on G.P.A.; that is, low first term grades made at a new college because the student is becoming adjusted to his or her new school.

3. Comparison between performance of Bakersfield College students and other community college transfers.

The University of California provides information that enables researchers to readily deal with these three points (see Tables 50, 51 and 52). But information from the state colleges and universities pertaining to these three points can only be derived indirectly and is excruciatingly tentative. As was mentioned in the explanation of tables in Part II, in September 1972 the Division of Institutional Research published a study of upper division transfer students in California State Colleges. This study indicated that a transfer shock and grade point differential did exist when a student transferred from community colleges, but this shock and differential was not extreme. Community college transfers came in to the nineteen campuses with a 2.52 average, dropped to a 2.42 first term, but had risen to a 2.46 by the end of the first year. In fact, by the end of the first year over half had equalled or excelled their G.P.A.'s transferred.

Interpretation of documents providing the data for the previous tables would appear to indicate similar findings for Bakersfield College transfers.

For instance, the 1972 transfer study indicated that at the end of the first year, 81.5% of community college transfers were making "C" or better; the figures for Bakersfield College transfers to state colleges, other than Bakersfield, was 81.8%, including Cal-State, Bakersfield 85.3%.

Since the 1973-74 academic year saw a large amount of transfers to CSB in mid-year (see Tables 14 and 15), it was decided to examine the 1972-73 academic year to see if term grades improved for juniors (mostly first year transfers) during the year and were indeed higher for seniors than juniors. This examination showed:

	3.0 - 4.0		2.0 - 2.9		Below 2.0		Mean G.P.A.
Juniors:							
Fall 1972 (335)	161	48.1%	130	38.6%	44	13.1%	2.74
Spring 1973 (213)	107	50.2%	90	42.3%	16	7.5%	2.73
Seniors:							
Fall 1972 (279)	168	60.2%	98	35.1%	13	4.7%	3.12
Spring 1973 (348)	229	65.8%	110	31.6%	9	2.6%	3.10

Performance appears to be fairly consistent during the junior year with mean G.P.A. experiencing no significant differences from Fall to Spring quarters. Grades do increase during the senior year. One variable which could not be readily investigated would appear to be the withdrawal rate which may account for a great amount of the changes from the junior to senior year.

Examination of the 1973-74 data for B.C. transfers to the state colleges indicated the following:

Fall Semester G.P.A. (9 colleges)	2.57
Spring Semester G.P.A. (9 colleges)	2.73
Cumulative Average (all 19 colleges)	2.67

These data would suggest a slight transfer shock effect.

Though grades transferred in were not readily available, the following data might shed some light on the question of comparison with grades transferred in from Bakersfield College.

College and Types of Grades Reported		Comparison Between B.C. Grades and College Grades Suggested by Data
San Luis Obispo (177):		
Cumulative San Luis Obispo	2.38	B.C. grades must be higher; San Luis Obispo performance lower.
Cumulative San Luis Obispo and B.C.	2.49	
San Jose (120):		
Cumulative San Jose	2.57	B.C. grades must be the same. (2.57)
Cumulative San Jose and B.C.	2.57	
Sacramento (33):		
Semester grades	3.04	B.C. grades must be lower; better performance at Sacramento.
Cumulative Sacramento	2.84	
Cumulative Sacramento and B.C.	2.77	
Pomona (32):		
Cumulative Pomona	2.38	Higher B.C.; lower grades at Pomona.
Cumulative Pomona and B.C.	2.46	
Chico (19):		
Cumulative Chico	2.74	B.C. and Chico grades the same.
Cumulative Chico and B.C.	2.74	
Fullerton (12):		
Semester grades	2.62	Grades lower at Fullerton.
Cumulative Fullerton	2.70	
Cumulative Fullerton and B.C.	2.79	

The 1972 state survey indicated a first term drop of .04 from transferred in G.P.A. The information above indicates the same approximate slight drop for Bakersfield College.

The information at the bottom of Table 48 already has indicated a slightly better performance in regard to cumulative G.P.A. for B.C. students as compared to other community college students (+.0025).

Summary of Findings Pertaining to State Colleges and Universities

Based on Tables 28 through 49 and the additional data in the preceding discussion, the following summary comments can be made:

1. The half of all Bakersfield College transfers that attend Cal-State, Bakersfield do very well academically. During the six quarters of the Fall 1972 - Spring 1974 period, over half earned 3.0 or better for their quarter courses; about 40% scored 3.0 or better for cumulative grades.

2. Of the three other state colleges with over 100 Bakersfield College transfers, B.C. students did well at Fresno, were slightly lower at San Jose than all community college transfers, but seemed significantly lower at San Luis Obispo.

3. Of the top four colleges, grade performance was higher in 1972-73 than 1973-74. Whether this was true of all community college transfers is unknown at this time.

4. Of the colleges with less than 100 Bakersfield College transfers, B.C. students did exceptionally well at San Diego, San Francisco, Sacramento, Los Angeles and Chico.

5. Grade performance at the eighteen state colleges and universities collectively, excluding Bakersfield, would appear to be equal to other community college transfers. When performance at Cal-State, Bakersfield is added, G.P.A. would appear to exceed the state-wide community college norm.

6. Grades earned by a typical B.C. transfer improve the longer the student attends the college. G.P.A.'s do not appear to be appreciably below the average transferred in from Bakersfield College.

SECTION B

UNIVERSITY OF CALIFORNIA

Explanation of University of California G.P.A. Tables

Data in Tables 50 through 52 are taken from information compiled by the School Relations Office of the University of California. Since the information on Bakersfield College students was presented for the three academic years, 1971-72, 1972-73 and 1973-74, it was decided to base transfer G.P.A. analysis on this three year period. The reader of these tables should keep in mind that all eight campuses report grades of transfers for the first year of attendance only. In essence, what is reported are grades accumulated in three quarters of attendance of Bakersfield College students in the junior year. Senior year information, included in the information sent by state colleges and universities, is totally unavailable from the University of California. The University of California also places a greater emphasis on a comparison between grades earned at the community college and grades earned at the University, a comparison not as readily available from the state colleges. Two divisions of students that the University uses which appear in the next three tables are:

1. Students "charged" and students "not charged". "Charged" students are those admitted from Bakersfield College under normal admissions policy and those who did not withdraw or receive all "F" grades. Students "not charged" are those who were admitted by special action and received all "F" grades and/or withdrew. Only charged students are included in the calculations presented in Tables 50, 51 and 52.

2. Charged students in turn are grouped into "eligible" and "ineligible" categories. "Eligible" students are those who were originally eligible to attend the University of California when they graduated from high school. "Ineligible" students are those who were not eligible to attend

the University when they graduated from high school. Tables 51 and 52 divide performance of B.C. transfers into eligible and ineligible categories. For the three year period of the 198 charged students, 121 or 61.1% were eligibles, 77 or 38.9% were ineligibles.

The Santa Cruz campus does not give letter grades; all courses are assigned a pass or no pass designation so calculations in the three tables, in reality, only encompass seven campuses.

In Tables 50 and 51, grade information is given for each of these seven campuses separately, then for all campuses together, then for all campuses for the three year period. The comparison of B.C. students with other transfer students, indicated by Table 52, was only available for the 1972-73 academic year. Comparable information for the 1973-74 academic year will not be available until December 1974.

Specifically, each of the tables indicate the following:

Table 50 - Academic Performance of New Bakersfield College Transfers at the University of California - Fall 1971-Spring 1974.

This table indicates G.P.A. earned by Bakersfield College students at the various campuses of the University during the 1971-72, 1972-73, 1973-74 academic years, and compares this with grades earned in transferable courses taken at Bakersfield College. Numbers and percentages of students earning "B" or better or below "C" average are also shown. Since numerically the number of students is fairly low, statistically the most significant line is the final one on the second page of the table. The 198 charged students entered the University with a 3.13 average from Bakersfield College; they earned a 2.88 average which is a

differential of -.26. Only 7% had a below "C" average, 42% earned a "B" or better average.

Table 51 - Comparison of Eligible and Ineligible Bakersfield College Students - Fall 1971-Spring 1974.

This table takes the C.P.A. data from Table 49 and divides it into eligible and ineligible students. The last line on page two indicates that eligibles had earned a 3.23 average at Bakersfield College, ineligibles, 2.97, a .26 difference; eligibles earned 2.99 at the University, ineligibles, 2.68, a +.31 difference. Differential from B.C. grades was -.24 for eligibles, -.29 for ineligibles.

Table 52 - Comparison Between Bakersfield College Students and All Community College Transfers - 1972-73.

This table compares performance of Bakersfield College transfers with other community college transfers - a study of the 1972-73 academic year only. If one were to carefully examine the data for each year presented in Tables 50 and 51, it is to be noted that the Bakersfield College group that year performed better than either the 1971-72 or the 1973-74 group. Table 52 would support this observation, particularly for the eligibles who entered the University with a higher average than other community college transfers, earned a higher University average, and had a lower differential. B.C. ineligibles, though earning a respectable average of 2.63, were lower than their community college transfer counterparts.

Table 53 - Comparison of First Quarter and First Year Grades - 1973-74.

In a 1965 review of literature, "Transfer Shock: The

Academic Performance of the Junior College Transfer", John R. Hills found that the total first year after transfer, G.P.A. was .04 higher than the first term G.P.A., indicating a transfer shock effect and subsequent transfer recovery. This table compares first quarter G.P.A.'s with end of the first year grades. At five of the seven campuses, Fall quarter grades were actually higher than first year grades; but the two where they were lower (Santa Barbara and Davis) enrolled the largest number of Bakersfield College students so the differential indicated in the total corresponded to Hill's summary.

Table 54 - Grades by Subjects Taken at the University of California - 1972-73.

Uniformity of grade reporting, the inclusion of every course taken for the B.C. transfers, and the relatively small number of students attending the University of California made division of G.P.A. by subjects taken possible. The 1973-74 records were not sent in enough time to do a similar analysis for 1973-74. This table lists subjects in descending order of G.P.A. Units passed on a pass-no pass basis are not figured in the G.P.A. calculation but are indicated in column 3. The listing also indicates that some subjects are more popular than the analysis of majors at the University in Table 23 indicated. For instance, Table 23 reports only six majoring in Foreign Languages (3.8%), yet Table 54 indicates Foreign Languages with 244 units (8.6%) was the third most popular group of courses. Foreign language courses taken by Bakersfield College students also received one of the highest G.P.A.'s.

TABLE 50

ACADEMIC PERFORMANCE OF NEW BAKERSFIELD COLLEGE TRANSFERS
AT THE UNIVERSITY OF CALIFORNIA - FALL 1971-SPRING 1974

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Year and Campus	Total Students Entered	Total Students Charged*	Grade Point Average: Entering From Bakersfield College	Grade Point Average: U.C.	Grade Point Average: Differential	Below C Average: Number	Below C Average: Percent	B or Above: Number	B or Above: Percent
1971-72:									
Berkeley	11	9	2.825	2.645	-0.180	1	11	2	22
Davis	19	18	3.128	2.852	-0.276	1	5	5	27
Irvine	6	2	3.136	3.307	0.171	0		2	100
Los Angeles	11	8	2.851	2.682	-0.169	0		3	37
Riverside	3	2	3.277	2.392	-0.885	0		0	
San Diego	3	2	3.238	2.631	-0.607	0		0	
Santa Cruz	6	0							
Santa Barbara	28	26	3.017	2.741	-0.276	3	11	11	42
Total	87	67	3.015	2.758	-0.257	5	7	23	34
1972-73:									
Berkeley	18	14	3.265	2.997	-0.268	0		8	57
Davis	18	15	3.325	3.119	-0.206	1	6	9	60
Irvine	5	4	3.254	2.988	-0.266	0		1	25
Los Angeles	17	17	3.347	3.178	-0.169	0		11	64
Riverside	4	2	3.190	3.262	0.072	0		1	50
San Diego	2	2	2.743	2.684	-0.059	0		0	
Santa Cruz	3	0							
Santa Barbara	15	14	3.069	2.633	-0.436	3	21	4	28
Total	82	68	3.236	3.000	-0.236	4	5	34	50

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TABLE 50 (continued)

Year and Campus	Total Students Entered	Total Students Charged*	Grade Point Average Entering From Bakersfield College	Grade Point Average U.C.	Grade Point Average Differential	Below C Average Number	Below C Average Percent	B or Above Number	B or Above Percent
1973-74:									
Berkeley	12	11	3.390	3.248	-0.142	1	9	8	72
Davis	18	15	2.993	2.831	-0.162	1	6	5	33
Irvine	7	6	3.017	2.656	-0.361	1	16	3	50
Los Angeles	15	15	3.322	2.894	-0.428	0		7	46
Riverside	1	1	3.365	3.466	0.101	0		1	100
San Diego	2	2	2.522	3.225	0.703	0		1	50
Santa Cruz	3	0							
Santa Barbara	16	13	2.944	2.448	-0.496	3	23	2	15
Total	74	63	3.143	2.866	-0.277	6	9	27	42
Final Total	243	198	3.131	2.876	-0.255	15	7	84	42

* Transfer students are charged to institution of last attendance provided the student was: (1) not admitted by "special action", (2) did not withdraw before completing a course, (3) did not receive all F grades. Only grade reports for students charged to Bakersfield College were used in this Table. Over the three years, 23 students were admitted by special action and 9 withdrew.

Note: Santa Cruz not included in calculations since all courses are on a pass-no pass basis.

TABLE 51

COMPARISON OF ELIGIBLE AND INELIGIBLE
BAKERSFIELD COLLEGE STUDENTS - FALL 1971-SPRING 1974

Year and Campus	Total Students Entered	Originally Eligible From High School				Originally Not Eligible From High School			
		Total Students Charged	Grade Point Average			Total Students Charged	Grade Point Average		
			Entering From Bakersfield College	U.C.	Differential		Entering From Bakersfield College	U.C.	Differential
1971-72:									
Berkeley	11	4	2.718	2.791	0.073	5	2.913	2.523	-0.390
Davis	19	11	3.222	2.986	-0.236	7	2.937	2.633	-0.304
Irvine	6	0				2	3.136	3.307	0.171
Los Angeles	11	7	2.867	2.705	-0.162	1	2.746	2.500	-0.246
Riverside	3	1	3.388	2.488	-0.900	1	3.000	2.220	-0.780
San Diego	3	2	3.238	2.631	-0.607	0			
Santa Cruz	6	0				0			
Santa Barbara	28	11	3.122	2.799	-0.323	15	2.950	2.695	-0.255
Total	87	36	3.072	2.819	-0.253	31	2.944	2.683	-0.261
1972-73:									
Berkeley	18	8	3.306	2.992	-0.314	6	3.212	3.005	-0.207
Davis	18	11	3.356	3.297	-0.059	4	3.242	2.610	-0.632
Irvine	5	3	3.281	2.992	-0.289	1	3.180	2.972	-0.208
Los Angeles	17	13	3.414	3.279	-0.135	4	3.079	2.820	-0.259
Riverside	4	1	3.166	3.488	0.322	1	3.214	2.769	-0.445
San Diego	2	1	2.710	2.900	0.190	1	2.781	2.444	-0.337
Santa Cruz	3	0				0			
Santa Barbara	15	8	3.342	3.008	-0.334	6	2.681	2.072	-0.609
Total	82	45	3.335	3.164	-0.171	23	3.037	2.631	-0.406

TABLE 51 (continued)

Year and Campus	Total Students Entered	Originally Eligible From High School				Originally Not Eligible From High School			
		Total Students Charged	Grade Point Average Entering From Bakersfield College	U.C.	Differential	Total Students Charged	Grade Point Average Entering From Bakersfield College	U.C.	Differential
1973-74:									
Berkeley	12	8	3.433	3.177	-0.256	3	3.287	3.426	0.139
Davis	18	8	3.128	3.021	-0.107	7	2.809	2.561	-0.248
Irvine	7	4	3.051	2.609	-0.442	2	2.972	2.742	-0.230
Los Angeles	15	8	3.574	3.006	-0.568	7	2.997	2.750	-0.247
Riverside	1	1	3.365	3.466	0.101	0			
San Diego	2	2	2.522	3.225	0.703	0			
Santa Cruz	3	0				0			
Santa Barbara	16	9	3.081	2.560	-0.521	4	2.652	2.160	-0.492
Total	74	40	3.263	2.940	-0.323	23	2.936	2.725	-0.211
Final Total	243	121	3.231	2.989	-0.242	77	2.969	2.680	-0.289

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TABLE 52

COMPARISON BETWEEN BAKERSFIELD COLLEGE STUDENTS
AND ALL COMMUNITY COLLEGE TRANSFERS - 1972-73

	Entering Grade Point Average From B.C.						University Grade Point Average						Differential					
	Eligible			Ineligible			Eligible			Ineligible			Eligible			Ineligible		
	B.C.	All	Difference	B.C.	All	Difference	B.C.	All	Difference	B.C.	All	Difference	B.C.	All	Difference	B.C.	All	Difference
Berkeley	3.31	3.21	+.10	3.21	3.10	+.11	2.99	2.81	+.18	3.01	2.65	+.36	-.31	-.40	+.09	-.21	-.45	+.24
Davis	3.36	3.19	+.17	3.24	3.04	+.20	3.30	2.83	+.47	2.61	2.66	-.05	-.06	-.36	+.30	-.63	-.38	-.25
Irvine	3.28	3.20	+.08	3.18	3.09	+.09	2.99	2.99	0	2.97	2.92	+.05	-.14	-.21	+.07	-.21	-.17	-.04
Los Angeles	3.41	3.18	+.23	3.08	3.02	+.06	3.28	2.87	+.41	2.82	2.77	+.05	-.29	-.31	+.02	-.26	-.25	-.01
Riverside	3.17	3.14	+.03	3.21	3.08	+.13	3.49	2.90	+.59	2.77	2.82	-.05	+.32	-.24	+.56	-.45	-.26	-.19
San Diego	2.71	3.19	-.48	2.78	3.05	-.27	2.90	2.87	+.03	2.44	2.68	-.24	+.19	-.32	+.51	-.34	-.37	+.03
Santa Barbara	3.34	3.18	+.16	2.68	2.98	-.30	3.01	2.81	+.19	2.07	2.68	-.61	-.33	-.37	+.04	-.61	-.30	-.31
Total	3.34	3.19	+.15	3.04	3.05	-.01	3.16	2.85	+.31	2.63	2.72	-.09	-.17	-.34	+.17	-.41	-.33	-.08
Santa Cruz	3.37	3.42	-.05	--	3.22	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 53

COMPARISON OF FIRST QUARTER AND FIRST YEAR GRADES - 1973-74

Campus	Fall Quarter G.P.A.	First Year G.P.A.
Berkeley	3.48	2.83
Davis	2.56	2.61
Irvine	3.00	2.63
Los Angeles	3.05	2.90
Riverside	3.50	3.47
San Diego	3.29	3.23
Santa Barbara	2.16	2.45
Total Seven Campuses	2.80	2.87

TABLE 54

GRADES BY SUBJECTS TAKEN AT THE UNIVERSITY OF CALIFORNIA - 1972-73

Subjects	Units Graded	Units Passed On Pass-No Pass Basis	G.P.A.
Physical Education	36	8.5	3.94
Public Health	13	4	3.62
Nursing	42		3.57
Music	74	4	3.51
Social Science	24	4	3.50
Architectural Design	17		3.47
Foreign Language	230	14	3.27
Anthropology	158	20	3.17
Engineering	110		3.11
Drama	58		3.07
Political Science	124		3.02
Communications	16		3.00
Debate - Forensics	34	12	2.94
Psychology	181	20	2.93
Chemistry	219.5	41	2.90
Physics	138	15	2.79
History	119	70	2.78
Biology	262	24	2.77
Math - Statistics	233	6	2.72
Philosophy	64	14	2.69
Dance	12	2	2.67
English	208	32	2.62
Sociology	120	26	2.52
Economics	128	5	2.45
Art	47	34	2.43
Geography	58	4	2.25
Computer Science	10		2.00
Subjects taken and passed with no grades:			
Earth Science		20	
Education		5	
Ecology		5	
Astronomy		5	
Geology		4	
Total all Majors	2,735.5	398.5	2.89

Summary of University of California Data

1. During the three year period 1971-74, 198 Bakersfield College students generally received higher G.P.A.'s than other community college transfers to the University of California. The performance of those originally eligible in high school was particularly outstanding. Grade point drop was only -.26 from Bakersfield College grades.

2. Transfer shock, as indicated by particularly low grades the first quarter of attendance, was not significantly evident for Bakersfield College students.

3. A G.P.A. analysis of subjects taken at the University indicated above 3.00 averages in the following high unit (above 100) areas: Foreign Language 3.27, Anthropology 3.17, and Political Science 3.02. 2.90 - 2.99 were made in Psychology and Chemistry courses.

PART IV

CONCLUSIONS

SECTION A

RECOMMENDATIONS FOR FURTHER RESEARCH

Analysis throughout this report several times has dealt with inadequacies of data sent, lack of consistancy of the way grades are reported, and missing gaps in grade records from recent years. In many cases, the information included in the fifty-four tables probably raised more questions than it answered. Ongoing research in transfer follow-up is clearly a necessity. Specifically, future research in the area of transfer follow-up should include but not necessarily be limited to the following:

1. A yearly report should be made concerning how many of Bakersfield College students transfer to 4-year colleges and where they go; that is, Part I should be updated annually and trends examined. Data have revealed that numbers of transfers to state colleges and universities other than Cal-State, Bakersfield and to the University of California have dropped while transfers to Cal-State, Bakersfield have increased. Data should be analyzed to determine if these trends are continuing.

2. Winter and Spring quarter transfers to all colleges, particularly Cal-State, Bakersfield, should be examined carefully to determine the impact of the early calendar that was indicated in Tables 2, 14 and 15.

3. As has been mentioned several times throughout the study, data from state colleges and universities have been reported in extremely varied fashion. If current talks between the two community college institutional research groups (SCIRA and Nor-Cal) and state colleges are successful, much more comparable data in the future will result in more accurate reports.

4. University of California data, though consistent, is confined to the first year of transfer (generally the Junior year); follow-up of the Senior year might yield revealing information.

5. This study neglected one crucial element of transfer success - retention or persistence. Withdrawals were filtered out of the G.P.A. calculations. Further work should be done on percentage Bakersfield College transfers actually receiving the baccalaureate degree. This might be particularly true of a college like San Luis Obispo where about fifty B.C. students transfer every year, yet 177 former B.C. students are in attendance. Clearly these students are taking longer than two years to complete the baccalaureate degree requirements. Furthermore, colleges seemed to vary in the way they handled dropouts, incompletes, etc. in G.P.A. calculations. This may account for some of the variance in G.P.A. from college to college.

6. Records should be analyzed to determine trends in majors. That is, Tables 16 through 25 should be updated every year.

7. A study related to Item No. 6 would be to compare declared majors among transfer aspiring students at B.C. with actual major areas taken at 4-year colleges (see Item No. 2 of the next section for example of the usefulness of this comparison).

8. Ideally, future grade reporting should be expanded and/or modified to include the following:

A. Analysis of grade performance for each college by groups of majors (similar to the method used by Cal-State, Hayward). This information should then be made available to the appropriate department chairmen along with copies of the actual grade records, particularly if courses taken by each student are listed.

B. A report of grade point average transferred in from Bakersfield College and a comparison between this and the cumulative G.P.A. earned at the 4-year college (similar to the University of California differential reporting system). Grade records indicated that cumulative

G.P.A.'s earned at Cal-Poly, San Luis Obispo or Cal-Poly, Pomona were lower than those earned in other state colleges. It needs to be known if students transferring in had lower grade point averages in the first place.

C. More complete information is needed comparing Bakersfield transfer performance with both other community college transfers and native students.

D. Grade performance information should be divided between the first year of transfer (Junior) and second year (Senior).

E. Information in this report seemed to indicate a drop in academic performance from 1972-73 to 1973-74 at both the University of California and the state colleges and universities other than Cal-State, Bakersfield. The 1974-75 academic year should be examined to see if this trend continues.

8. A complete information file system with major and G.P.A. information for each of the twenty-seven colleges should be built so that interested department chairmen will have the data to examine. Copies of transfer studies at other colleges should also be available.

9. Effort should be made to obtain transfer information for private colleges and colleges outside the state to make the transfer information complete.

10. Another aspect of transfer follow-up would be to make contact with a sample of Bakersfield College transfers to ascertain their reactions to how well Bakersfield College prepared them for study at a 4-year college. (A model of this is a 1968 Los Angeles City College study by Dr. Ben Gold entitled "Interview and Questionnaire Follow-up Study of L.A.C.C. Transfers Attending UCLA".)

SECTION B

INTERPRETATIONS

It is hoped that data revealed in this study will be used by those concerned with evolving a student oriented curriculum. Different decision makers may interpret the information indicated in the fifty-four tables in different ways. The following thoughts in regard to policy formation seem significant to the author of this study:

1. More and more Bakersfield College students are transferring to Cal-State, Bakersfield. The early calendar appears to have facilitated and encouraged transferring and concurrent enrollment in Bakersfield's two colleges. Furthermore, B.C. students who attend Cal-State, Bakersfield do very well. Both of the institutions and Bakersfield students will prosper if close articulation between the two colleges is carried out.

2. The largest declared major on the Bakersfield College campus this Fall (1974) was Business Management with 694 full time students which constituted 14.9% of full time students. This is almost the exact percentage of B.C. students to major in Business in state colleges and universities during the last two years. This study has revealed that the Business major is becoming more prevalent for Bakersfield College students transferring to Cal-State, Bakersfield. Students who are interested in business careers would appear to declare their intention early and stick with it. Articulation between the B.C. Business Department and that of Cal-State, Bakersfield is essential.

3. A recent study by the National Institute of Education as reported in the October 29, 1974 Chronicle of Higher Education indicated that slightly over half of the nation's junior college students are transferring to 4-year colleges. The study further declared this percentage was increasing. It revealed however that only full time students were used as a base. Our study

has revealed that if a student at Bakersfield College is a full time Sophomore, the odds are 60% that he will attend a 4-year college. The growth in Bakersfield College however is in part time and evening students; full time students have remained constant at about 4,600. Using total students as a base, only about 20% of all B.C. students end up attending a 4-year college. Numbers to transfer to the University of California and state colleges other than Cal-State, Bakersfield are decreasing. If allocations of budgetary and teaching resources are being made, it should be remembered that 80% of B.C. students are not attending school to prepare themselves to transfer; among the 20% who are, half are going across town to C.S.B. Among the 10% who transfer out-of-town, specializations such as agriculture, engineering and law enforcement are being sought. Again, articulation between B.C. departments and their counterparts in 4-year colleges, facilitated by counseling is needed (example: a close working relationship between our Ag Department and that of Cal-Poly, San Luis Obispo).

4. Bakersfield College historically has prided itself on how well it prepared students for the academic challenges of 4-year colleges. Part III indicates that that pride is justified. B.C. students do better than other community college transfers at the University of California and at most state colleges. In its program for the 20% who do go on, B.C. should continue its high standards and maintain its high quality of instruction.

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